



ChatGPT Guide for Software Developers

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Why I am writing this guide

I have 12+ years of experience in the software development field and 5+ years of industrial experience. I thought there would be no future innovations like the Internet or computers. But ChatGPT proved me wrong.

After 5-10 years, ChatGPT and other AI products will change the world. It will change how people work, increase some people's work by 10X, or replace some people's jobs.

As per my prediction, it is going to disrupt the software industry as well. It may not replace software, but it may reduce the workforce by 50%. As of now, I am doing 8 hours of my work in 1 hour. Just imagine how it would be after the upcoming ChatGPT update.

Yesterday, the CEO of ChatGPT (OpenAI), Sam Altman, tweeted:



So I took a walk and thought deeply about how ChatGPT is going to disrupt the software development market.

He is trying to say that in a few years, plumbers may get more money than software developers. We can't do plumbing jobs by giving commands to the AI. But we can code by typing plain English commands.

As of now, I have a 400K+ audience on Instagram and get thousands of page visits on my website. So I decided to help my audience learn about AI, use it, and work with it to compete with other people.

It's a new Internet. A new generation will grow with AI. After a few years, we will be like our dads as they use the internet, and for us, it will be AI. So to compete with the new generation and take advantage of AI, I decided to create this product.

I will make incremental changes to this product as I learn more about it (you will receive updates via email).

As I am a full-stack JavaScript developer, I am going to use JavaScript commands for back-end development and general coding prompts.

I have written reusable prompts that you can use for any technology stack. You just have to replace your technology according to the given prompts.

You just need to figure out how I write prompts to get the job done. By finding patterns and practicing them, you can create your own prompts.

I would recommend you read each prompt and example; you will need them in your lifetime to work faster.

Note: Output may vary over time as the ChatGPT team continuously updates its product.

Writing a New Code

Suppose you are working on a new project or feature, and you have to write new code. You may reduce more than half of your development time as follows:

Write a new program

Prompt:

Act as a [Technology Name] developer. [Write a detailed description]

Example 1:

Act as a Python developer. Write code to read and print duplicate records from the provided CSV file.

Example 2:

Act as a JavaScript Developer, Write a program that checks the information on a form. Name and email are required, but address and age are not.

Example 3:

Act as a JavaScript Developer, Write a program that checks if a string contains a substring.

Detailed prompt to write a new program with given technology stack

Prompt:

Act as: [Enter your profile]

Technology stack: [Enter your technology stack]

Functionality: [Enter functionality]

Mandatory Fields: [Enter Fields]

Optional fields: [Enter Fields]

Task: [Write a task description]

Example 1:

Act as: Node.js Developer

Technology stack: Node.js, Express.js, MongoDB, Mongoose

Functionality: Newsletter

Mandatory Fields: Email

Optional fields: name

Task: Make an API that takes a name and an email address as inputs and sends back a success flag.

Example 2:

Act as: PHP Developer

Technology stack: Laravel 8, MySQL

Functionality: CAGR Calculation

Mandatory Fields: Amount and Years

Optional fields: NA

Task: Write a service that calculates CAGR

Example 3:

Act as: PHP Developer

Technology stack: Laravel 8, MySQL

Functionality: Cron

Task: Write a cron that sends portfolio returns every day to users.

Asking Questions

Sometimes it takes us two to three hours to write a small, simple piece of code.

With ChatGPT, you won't have to worry about working on small logics or using Google to find functions, methods, libraries, or logic. You can do it using the following short commands:

Asking programming and coding problems questions

Prompt:

1. How to [Question]
2. How can I [ask]?
3. Write a code that [logic].

Example 1: How do I format dates in JavaScript?

Example 2: How can I remove a given item from an array in JavaScript?

Example 3: Write a code that removes duplicate elements from an array using Python.

code

Example 4: How to handle the null pointer exception in Java

Example 5: How to convert an InputStream into a String in Java

Example 6: Format dates in YYYY-MM-DD format using JavaScript.

Example 7: Write a Node.js program that sends an email to me when an exception occurs.

Example 8: Write code that calculates user portfolio returns using Python

By running the new command, you can easily add new logic to ChatGPT's output as follows:

Next command: In the above, skip Apple stock returns and give me an updated code.

Fixing errors

When we get a ticket to fix a production issue, it can sometimes take days to figure out how to fix a small problem. You can fix those issues in a few hours with ChatGPT's assistance.

Here are the prompts that will help you fix the errors:

Fix errors with technology stack

Prompt:

Tell me how to debug the code to solve the given error.

Project: [Project name/description]

Technology Stack: [Technology Stack]

Error: [Explain the error]

Example:

Tell me how to debug the code to solve the given error.

Project: eCommerce

Technology Stack: JavaScript, Node.js, Express.js Stripe, MongoDB

Error: Orders get placed twice for Indian users.

Fix error by passing error message

Prompt: I am getting the error: [Insert your error message here] Tell me how to fix it.

Example: I am getting the error: Cannot get strings. key_one because property key_one is missing in undefined [1]. [1] strings?: [string_key: string]: string. Tell me how to fix this

Sometimes we get a logical error. We can fix the error by passing our code to ChatGPT.

Consider the following scenario: I am calculating CAGR and getting incorrect results. I will use ChatGPT to rectify this issue.

Fix logical error

Prompt: I am working on the [Enter functionality], but my code is giving the wrong answer. Tell me what the error is. Here is my code. [Paste your code here]

Example:

I am working on the CAGR calculation functionality, but my code is giving the wrong answer. Tell me what the error is. Here is my code.

```
function calculateCAGR(startValue, endValue, years)
{
    const cagr = (Math.pow(endValue / startValue) - 1) * 100;
    return cagr.toFixed(2);
}
```

Refactoring and Improving Logic

Sometimes we write code that is not reusable or scalable. Using ChatGPT, we can make our code reusable, scalable, and capable of handling all types of data by passing our current code.

It will make you appear intelligent and prevent future errors and extra work. To make this section easier to understand, we will work on the same CAGR calculation function to improve the logic as shown below.

Refactor code

Prompt:

Refactor the given code.

Requirement: [Enter your requirement]

Code: [Paste your code here]

Example 1:

Refactor the given code.

Requirement: It should work for quarterly and monthly CAGR calculation also

Code:

```
function calculateCAGR(startValue, endValue, years)
{
  const cagr = Math.pow(endValue / startValue, 1 / years) - 1;
  return (cagr * 100).toFixed(2);
}
```

Example 2:

Refactor the given code.

Requirement: It should handle all type of data

Code:

```
function calculateCAGR(startValue, endValue, years, periodsPerYear = 1)
{
  const totalPeriods = years * periodsPerYear;
  const cagr = Math.pow(endValue / startValue, 1 / totalPeriods) - 1;
  const annualCagr = cagr * periodsPerYear;
  return (annualCagr * 100).toFixed(2);
}
```

Example 3:

Refactor the given code.

Requirement: Our app gets millions of requests a minute. Rewrite it so that you can perform them well.

Code:

```
function calculateCAGR(startValue, endValue, years, periodsPerYear = 1)
{
  const totalPeriods = years * periodsPerYear;
  const cagr = Math.pow(endValue / startValue, 1 / totalPeriods) - 1;
  const annualCagr = cagr * periodsPerYear;
  return (annualCagr * 100).toFixed(2);
}
```

Example 4:

Refactor the given code.

Requirement: Make this code reusable

Code:

```
function calculateCAGR(startValue, endValue, years, periodsPerYear = 1)
{
  const totalPeriods = years * periodsPerYear;
  const cagr = Math.pow(endValue / startValue, 1 / totalPeriods) - 1;
  const annualCagr = cagr * periodsPerYear;
  return (annualCagr * 100).toFixed(2);
}
```

```
}
```

Improve code logic

Prompt:

Give me suggestions to improve the logic of the given code and write updated code.

Code: [paste your code here]

Example:

Give me suggestions to improve the logic of the given code and write updated code.

Code:

```
function calculateCAGR(startValue, endValue, years)
{
  const cagr = Math.pow(endValue / startValue, 1 / years) - 1;
  return (cagr * 100).toFixed(2);
}
```

Database Management

Writing optimized queries can take a lot of time, and writing complex queries is very hard.

As a database developer, you may have felt this way when you had to spend hours writing complex queries that worked well and didn't have any mistakes. This can take a lot of time and even cause bugs in your code.

There's a better way, though! Using ChatGPT, you can write complex queries in a few minutes.

Let's see the useful ChatGPT prompts for database management and writing complex queries.

Writing queries

Prompt:

Write a [Language] Query

Tables: [Tables/collection list]

Requirement: [Mention your requirement]

Example 1:

Write a MySQL Query

Tables: users and orders

Requirement: It should give user details who placed highest order today

Example 2:

Write a MongoDB Query

Collections: users and orders

Requirement: It should return user information along with the total amount of previous purchases.

While working on new functionality, we need test data. We can use ChatGPT as a data feeder as follows:

Generating dummy data for testing

Prompt:

Write a query to insert records in database

Database: [Enter database name]

Table/collection Name: [Enter table name]

Columns/fields:[Enter column names]

Number of records: [Enter record count]

Example:

Write a query to insert records in database

Database: MySQL

Table Name: Users

Columns: user_id, age, dob, address

Number of records: 30

If you want to automate it using code, you can do it in the following way:

Insert dummy data

Prompt:

Write a [Language] program that insert records in database

Database: [Enter database name]

Table/collection Name: [Enter table name]

Columns/fields:[Enter column names]

Number of records: [Enter record count]

Example:

Write a python program that insert records in database

Database: MySQL

Table Name: Users

Columns: user_id, age, dob, address

Number of records: 30

Suppose you are not working directly with databases; you are using frameworks like Epxress.js, Django, or Laravel, and you work with models.

You can write ORM queries using ChatGPT as follows:

Write ORM/Models queries

Prompt:

[Write a query description with the operation you want to do]

Technologies: [Enter technologies, framework and libraries]

Example 1:

Write a query that updates user age

Technologies: Express.js, Mongoose and MongoDB

Example 2:

Write a query that fetches today's sales

Technologies: Laravel and MySQL

While working on new projects or features, you will need to develop a new schema, for this work you can use ChatGPT to do your work

Database design and creating schemas

Prompt: Act as a [database name] developer, I am building an e-commerce system. Create a database scheme and write queries to create it that can be scaled to millions of users.

Example 1:

Act as a MySQL developer, I am building an e-commerce system. Create a database scheme and write queries to create it that can be scaled to millions of users.

Example 2:

Act as a MongoDB developer, I am building an e-commerce system. Create a database scheme and write queries to create it that can be scaled to millions of users.

Working with legacy code

Legacy systems have a lot of challenges, like poor code quality, a lack of documentation, tight coupling, and old technology that is difficult to understand for new developers.

This difficulty causes frustration and reduces developer productivity.

But using ChatGPT, we can overcome these challenges using the following prompts:

Suppose you are working on old JavaScript code. and it is causing an error and is difficult to understand. To understand the workings of code, you can use the following prompt:

Understand the code

Prompt:

Explain each variable, function, and logic in the given code in detail.

Code:

[Paste your code here]

Example:

Explain each variable, function, and logic in the given code in detail.

Code:

```
function calculateFibonacci(n) {  
  if (n < 2) {  
    return n;  
  }  
  if (calculateFibonacci[n]) {  
    return calculateFibonacci[n];  
  }  
  var result = calculateFibonacci(n - 1) + calculateFibonacci(n - 2);  
  calculateFibonacci[n] = result;  
  return result;  
}
```

Let's say your client's project was built using Laravel 5, but now they want to switch to Laravel 8 to make it faster and safer. While upgrading a programming language, framework, or library, ChatGPT will help you.

Write queries for given framework or library

Prompt:

I am upgrading to a new framework/language/technology/version of [technology name]. rewrite the provided code for the new framework/language/technology/version.

New framework/language/technology version: [enter version number]

Old code: [paste your code here]

Example:

I am upgrading to a new version of Laravel. rewrite the provided code for the new framework.

New framework version: 8

Old code:

```
$users = DB::table('users')
    ->where('email', '=', $email) ->get();
```

Code Review

Some clients and managers like to look over the code before it goes live. When you invest a lot of time and a code reviewer criticizes your work or tells you to change the code, it creates frustration for programmers.

However, you can do your code review in a few minutes with ChatGPT and improve its quality, which will reduce your future workload and impress your boss or client if you write better-quality code that does not require changes.

Here are the useful prompts that will help you do the following tasks:

- Check code quality
 - Write documentation
 - Write uniform function and variable names
-

Improve code quality

Prompt:

Improve the code quality of the given code; it should be readable, reusable, scalable, and secure.

Code: [Paste your code here]

Example:

Improve the code quality of the given code; it should be readable, reusable, scalable, and secure.

Code: [Paste your code here]

Write documentation

Prompt:

I'm writing documentation for my code. I need your assistance in writing it using the provided code. Write simple and direct sentences to explain it.

Code: [Paste your code here]

Example:

I'm writing documentation for my code. I need your assistance in writing it using the provided code. Write simple and direct sentences to explain it.

Code:

```
app.post('/cagr', (req, res) => {  
  const { initialInvestment, finalInvestment, years } = req.body;  
  if (!initialInvestment || !finalInvestment || !years) {  
    return res.status(400).json({ error: 'Missing parameters' });  
  }  
  const cagr = ((finalInvestment / initialInvestment) ** (1 / years)) - 1;  
  return res.json({ cagr });  
});
```

Write code with uniform coding standards

Prompt:

I want to write clean code. Write a uniform function name and variable name for the given code.

code: [paste your code here]

Example:

I want to write clean code. Write a uniform function name and variable name for the given code.

Code:

```
let arr1=[3,2,1];  
let arr2 = [6,5,4];  
let result=[];for(let i=0;i<arr1.length;i++){  
  result.push(arr1[i]);  
}  
for(let i=0;i<arr2.length;i++){  
  {result.push(arr2[i]);}  
}  
let sum=0;  
for(let i=0;i<result.length;i++){sum+=result[i];}  
if(sum>=15){console.log("The sum of the arrays is greater than or equal to 15");}
```

```
else{console.log("The sum of the arrays is less than 15");}
```


Writing third-party libraries code

Every programmer works with at least 5–10 third party libraries or packages in their project. Working with third party libraries or packages is a very time consuming task.

Sometimes one minor change or small setting takes two to three hours. But using ChatGPT, you can do it in a few minutes by writing prompts.

While working with new libraries, you will have to not learn everything for small tasks. You can use ChatGPT to complete your task without learning about it.

Let's take some examples.

Write code for given library or package

Prompt: I am [write your task description]. I am using the [package or library name] library or package for [package or library type]. Write a program to do that task.

Example 1: I am adding a chart to my website that shows real time stock prices. I am using the HighCharts library for charts. Write a program to do that task.

Example 2: I am writing a web scraper that scrapes the data from the table. I am using the beautiful soup package for web scraping. Write a program to do that task.

Write a code for specific library/package version

Prompt:

Help me write code with the given library or package.

Library: [package or library name]

Version: [package or library version]

Task Description: [enter your task description]

Example:

Help me write code with the given library or package.

Library: mongoose

Version: 7.0

Task Description: Write a query that calculates today's total sales.

Adding new logic to existing code

When you solve a bug or add a new feature at that time, you will have to add new code to existing code.

While adding new code, first we need to understand the existing code; this task takes a lot of time and may produce new bugs.

At that time, ChatGPT will help you understand the existing code, as we discussed in the Working with "Legacy Code" chapter. And after understanding code in a few minutes, you can add new code with the help of ChatGPT.

Add a new logic code in existing code

Let's see a few prompts.

Prompt: In the existing code, [explain your task] I need your help to write updated code.

Code: [paste your code here]

Example:

In the existing code, I'm adding a new feature to calculate a CAGR monthly, quarterly, and yearly. I need your help to write updated code.

Code:

```
function calculateCAGR(initialValue, finalValue, numYears) {  
  const absoluteReturn = finalValue / initialValue;  
  const cagr = Math.pow(absoluteReturn, 1 / numYears) - 1;  
  return cagr;  
}  
  
// Example usage:  
const initialValue = 1000;  
const finalValue = 2500;  
const numYears = 5;  
const cagr = calculateCAGR(initialValue, finalValue, numYears);  
console.log(`The CAGR is: ${cagr * 100}%`);
```

Understanding the issue with the current code

Prompt:

Help me to solve the issue and write updated code. Also explain what the issue was and what you did to fix it.

Issue(optional):[explain issue]

Code:[paste your code]

Example:

Help me to solve the issue and write updated code. Also explain what the issue was and what you did to fix it.

Issue: giving wrong CAGR returns

Code:

```
function calculateCAGR(initialValue, finalValue, numYears) {  
  const absoluteReturn = finalValue / initialValue;  
  const cagr = Math.pow(absoluteReturn, 1 / numYears);  
  return cagr;  
}  
  
// Example usage:  
const initialValue = 1000;  
const finalValue = 2500;  
const numYears = 5;  
const cagr = calculateCAGR(initialValue, finalValue, numYears);  
console.log(`The CAGR is: ${cagr * 100}%`);
```

UI Development

You can use previous prompts in UI development to fix issues, improve code quality, write reusable code, refactor the code, and understand the code, as we saw in the previous chapters.

Apart from this, I will give you an idea of how to do more with ChatGPT to 10X your work.

Let's see a few prompts:

Generate HTML Pages

Prompt:

Act as a UI Developer, Create a [write your requirement].

Technology Stack: [enter technology stack and libraries]

Color Palette : [enter hex codes]

Add animation: Yes/No

Example:

Act as a UI Developer, Create a form that accepts email, name, and terms and conditions with a link.

Technology Stack: HTML, CSS, Bootstrap 5

Color Palette : #845EC2, #D65DB1, #FF6F91

Add animation: Yes/No

Generating colour palette

Prompt:

I am creating a new [website domain] website for [website and end user description]. Create a colour palette for my website that matches its users' feelings and looks professional.

Example:

I am creating a new e-commerce website for students that sells used books. Create a colour palette for my website that matches its users' feelings and looks professional.

Creating flex or grid layout**Prompt:**

Create a responsive grid or flex layout that shows [explain your requirement]

Technologies: [Write a technology stack]

Example:

Create a responsive grid layout that shows two images on the first row and one image on the second row.

Technologies: HTML, CSS

Improving current UI**Prompt:**

Improve the current UI with animation, smooth font, and add a good look and feel by keeping the same font family and color palette.

HTML: [paste your HTML code here]

CSS: [paste your CSS code here]

Example:

Improve the current UI with animation, smooth font, and add a good look and feel by keeping the same font family and color palette.

HTML:

```
<div class="card">  

```

```
<div class="card-content">
<h3>Card Title</h3>
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nulla nec
mollis tellus. Curabitur ac tellus lectus. Aliquam pretium euismod
dapibus.</p>
<a href="#" class="button">Learn More</a>
</div>
</div>
```

CSS:

```
.card {
  border: 1px solid #CCC;
  border-radius: 4px;
  overflow: hidden;
  box-shadow: 0 0 8px rgba(0, 0, 0, 0.1);
}
.card img {
  width: 100%;
  height: auto;
}
.card-content {
  padding: 20px;
}
.card-content h3 {
  margin-top: 0;
}
.card-content p {
  margin: 0;
  margin-bottom: 10px;
}
.button {
  display: inline-block;
  padding: 10px 20px;
  background-color: #4CAF50;
  color: #FFF;
  border-radius: 4px;
  text-decoration: none;
}
```

```
}  
.button:hover {  
  background-color: #3E8E41;  
}
```


Server Side Work

As a web developer, it's your job to make and maintain a website that meets the needs of the client. One of the most challenging aspects of your job is server management.

You need to make and set up domains, add subdomains, install and set up technologies and packages, keep an eye on the server and take care of it, and run commands on the server side.

It's time-consuming, complex, and frustrating, especially if you're not familiar with the process. Plus, it can take away valuable time from building and improving the website.

Let's see a few prompts.

Server setup and configuration

Prompt:

I am uploading my website to the production server. Tell me the steps to setup my environment on the server.

Operating System: [Enter operating system name]

Technology stack: [Enter your website technology stack]

Server(optional): [Enter server type for website]

Example:

I am uploading my website to the production server. Tell me the steps to setup my environment on the server.

Operating System: Ubuntu

Technology stack: JavaScript, MongoDB, React, Express.js, HighCharts

Server: Nginx

Automating database backup

Prompt:

I am using [database name] for my website. Tell me the steps to automatically backup the data on the server.

Backup duration: [enter the number of days or months]. days

Example:

I am using MongoDB for my website. Tell me the steps to automatically backup the data on the server.

Backup duration: 7 days

Improve server security

Prompt:

Tell me the steps to improve server security. My technology stack is given below

Server: [enter server name]

Technology stack: [enter technology stack]

Example:

Tell me the steps to improve server security. My technology stack is given below

Server: Nginx

Technology stack: JavaScript, MongoDB, React, Express.js, HighCharts, Certbot

Ask commands to complete your tasks:

Prompt: I am using [write your server details] for website hosting, [ask question]

Example 1: I am using Ubuntu and nginx for website hosting. Can you tell me the commands to monitor the system?

Example 2: I am using Ubuntu for website hosting. Tell me the command to change file permissions.

Interview Preparation

Preparing for interviews can be a tedious task with many steps, like making a resume, researching companies, understanding job requirements, practicing coding skills, updating knowledge, and sending emails to recruiters.

Instead of wasting time on these other things, we should be studying and getting ready to seize opportunities. Finding a new job while still working for a company can be hard and take a lot of time for experienced professionals.

At that time, ChatGPT can help you prepare for the interviews as follows:

Understanding company requirements

Prompt:

Give a brief explanation of the most crucial abilities mentioned in the job description.

Job Description:[paste job description]

Example:

Give a brief explanation of the most crucial abilities mentioned in the job description.

Job Description:

We are looking for a talented and experienced MERN Stack Developer to join our team. As a MERN Stack Developer, you will be responsible for developing and maintaining our web applications using the MERN stack.

Responsibilities:

- Developing and maintaining web applications using the MERN stack (MongoDB, Express.js, React.js, and Node.js)
- Writing clean, well-documented, and efficient code
- Collaborating with cross-functional teams, including designers, product managers, and other developers, to deliver high-quality software solutions
- Participating in the full software development lifecycle, including design, development, testing, deployment, and maintenance

- Identifying and troubleshooting software defects and bugs
- Keeping up-to-date with emerging trends and technologies in web development

Requirements:

- Strong experience in web development using the MERN stack
- Proficiency in JavaScript, HTML, CSS, and related web technologies
- Familiarity with RESTful APIs and web services
- Experience with database technologies, such as MongoDB or other NoSQL databases
- Knowledge of version control systems, such as Git
- Experience with agile development methodologies
- Excellent problem-solving, analytical, and communication skills
- Bachelor's or Master's degree in Computer Science, Software Engineering, or a related field

Preferred Qualifications:

- Experience with other front-end frameworks, such as Angular or Vue.js
- Familiarity with AWS or other cloud computing platforms
- Understanding of containerization and related technologies, such as Docker and Kubernetes
- Contribution to open-source projects

If you are a self-starter with a passion for developing high-quality web applications using the MERN stack, we encourage you to apply for this exciting opportunity to join our team.

Creating resume

Create resume template

Prompt:

I am [your current position], and I want you to create a one-page resume template that grabs recruiters' attention in a few seconds.

Job Role: [recruiters given position]

My skills: [enter your skills that is required for new position]

Example:

I am a full-stack web developer, and I want you to create a one-page resume template that grabs recruiters' attention in a few seconds.

Job Role: MERN Stack Developer

My skills include JavaScript, Node.js, Express.js, HTML, CSS, MongoDB, Tailwind CSS, Postman, working with APIs, and building microservices.

Write career objective or project description**Prompt:**

I am creating a resume for my new job. Write an attention grabbing objective or project description in two lines that will send a clear message to the recruiter about how I can help their organization.

Job Role: [Write job role]

Number of variations: [number of variations do you want]

Example:

I am creating a resume for my new job. Write an attention grabbing objective in two lines that will send a clear message to the recruiter about how I can help their organization.

Job Role: Java Developer

Number of variations: 5

Improve career objective or project description**Prompt:**

I am creating a resume for my new job, to help me improve my objective or project description.

Objective or project description: [paste here]

Example:

I am creating a resume for my new job, to help me improve my objective.

Objective: Experienced Java Developer seeking to leverage my expertise in software development to drive innovation and contribute to the success of an organization.

Interview Preparation

Get practice problem

Prompt 1:

I am preparing for the [enter technologies] Technical Interview. And I have [insert your experience in technology] years of experience in [insert technology]. List out the [problem count] practice problems to do in preparation for the interview.

Example:

I am preparing for the JavaScript Technical Interview. And I have five years of experience in JavaScript. List out the 10 practice problems to do in preparation for the interview.

Prompt 2:

I am preparing for an HR interview for a [enter your job title]. Give me the top [count] questions that HR asks.

Example:

I am preparing for an HR interview for a Java developer position. Give me the top 10 questions that HR asks.

Verify your answers

Prompt:

I am preparing for the interview. Verify my answers for a given question. If there is any error, please explain it to me, or tell me what improvements I can make to the answer.

Question: [write question or problem statement]

Answer: [enter your answer]

Example

I am preparing for the interview. Verify my answers for a given question. If there is any error, please explain it to me, or tell me what improvements I can make to the answer.

Question: Write a function that takes in a string and returns the length of the longest word in the string.

Answer:

```
function longestWordLength(str) {  
  let words = str.split(" ");  
  let longest = 0;  
  for (let i = 1; i <= words.length; i++) {  
    if (words[i].length > longest) {  
      longest = words[i].length;  
    }  
  }  
  return longest;  
}  
let str = "The quick brown fox jumped over the lazy dog";  
console.log(longestWordLength(str));
```

Get Interview Tips

Prompt 1:

I am attending the [round number] round of my technical interview. Give me the tips I need to crack the interview.

Technology stack: [enter your tech stack]

Example:

I am attending the first round of my technical interview. Give me the tips I need to crack the interview.

Technology stack: HTML,CSS,JavaScript,Node.js

Prompt 2:

I am preparing for an HR interview for a [enter job role]. Give me the tips I need to crack the interview.

Example:

I am preparing for an HR interview for a Java developer position. Give me the tips I need to crack the interview.

Sending Emails

Write a mail to send resume

Example:

I have to send my resume for the [enter your role] to HR. Write a short email with an attention grabbing subject line.

My technology stack: [enter technology stack]

My experience: [enter your experience]

Prompt:

I have to send my resume for the JavaScript Developer Position to HR. Write a short email with an attention grabbing subject line.

My technology stack: HTML, CSS, JavaScript, Node.js, MongoDB

My experience: 5 years

Give reply to recruiters mail

Prompt:

I got an email from [enter recruiter role]. Write a confident and short response to the given email.

Example:

I got an email from HR. Write a confident and short response to the given email.

Email:

Dear Chetan,

Thank you for applying for the JavaScript Developer role at Google. We are pleased to inform you that your application has been shortlisted, and we would like to invite you to an interview.

The interview will be held on 20 July 2023 at 12.30PM at our office located at California. Please arrive at least 10 minutes before the scheduled time. The interview process will take approximately 1 hour.

During the interview, you will have the opportunity to meet our team and learn more about the company, the position, and the responsibilities associated with the role. We will also ask you a few questions to understand your skills, experience, and suitability for the role.

Please bring a copy of your updated resume and any other relevant documents that you would like to share with us.

If the interview schedule is not convenient for you, please let us know, and we will arrange a more suitable time.

Please confirm your availability by replying to this email.

We look forward to meeting you in person and discussing your application.

Best regards,

Lilly, HR

Sending emails to clients and boss

As a software developer, you have to do more than just write code to make software. You also have to talk to your client, boss, and team members.

From my experience, software hates to write emails, so using ChatGPT, you can write emails in a few minutes as follows:

Write status update email

Prompt:

I have to send an email to the [client or boss] to update the status of the given task. Write a professional and optimistic email.

Task status: [explain your completed task and uncompleted tasks details]

Task completion rate: [completion percentage]

Example:

I have to send an email to the client to update the status of the given task. Write a professional and optimistic email.

Task status: Added daily, monthly, and yearly sales charts; working on the Excel downloading feature

Task completion rate: 70%

Write a requirement clarification email

Prompt:

I have to send an email to the [client or boss] to get more clarification about the requirement. Write a short, polite email about it.

Things to clarify:

1. [requirement/problem 1]
2. [requirement/problem 2]
3. [requirement/problem 3]

Example:

I have to send an email to the client to get more clarification about the requirement. Write a short, polite email about it.

Things to clarify:

1. What are the inputs we have to take while checking out?
 2. What will the response message be after placing the order?
 3. Do we have to send emails to pending order customers?
-

Write emails for leave applications**Prompt:**

Write a polite email to my boss asking for the leave for the given work and duration.

Leave type: [leave type]

Reason: [reason of leave]

Duration: [enter date range]

Example:

Write a polite email to my boss asking for the leave for the given work and duration.

Leave type: casual

Reason: going home

Duration: 4-10 March
