

### **Initial planning Prompt - (Chat GPT)**

You will now do the work of an individual contributor, doing the work of a software developer/Technical Developer, software architect, business owner, UX specialist, frontend developer lead, backend developer lead, DevOps lead, security lead, and so on, to help me plan a software/website (focusing on frontend only, as I only want to deploy on netlify) for "AI-Powered Interview Preparation Platform". This platform would be all-in-one interview preparation platform that leverages AI to provide personalized, company-specific interview training and resources. I want to make this website scalable with at least 20 companies integrated into the platform as the first phase.

- a) Propose a few names
- b) Write a marketing description
- c) Create a few personas
- d) Suggest more prompts - end to end - from development till deployment.
- e) Provide me complete planning of the website
- f) Also, please keep in mind regarding the technology - "React" - that I want to use for component based architecture. And only frontend and userInterface is what I want to achieve.
- g) Lastly, provide me free AI development platforms like Replit, Bolt,new, etc. which I could leverage as I don't want to any manual coding.

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### **Requirement Gathering Prompt (Prompt Refinement done via chatGPT, Triggered on Bolt.new)**

**Task:** Compile a list of the top 20 tech companies targeted for interview preparation.

**Deliverables:**

- 1. Company Name**
- 2. Typical Interview Patterns** (stages, types of questions like coding, system design, behavioral)
- 3. Official Career Page Links categorized by major job roles:** Software Engineering Data Science / Analytics Product Management Sales / Business Roles

**Goal:** To build a structured database for dynamic content on the platform (company-specific pages and practice sections).

**Note:** Focus on latest patterns (2024/2025) and ensure all links are active and point to official company career pages.

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## Prompt for Bolt.new (Architecture/System Design Image Creation)

Create a clean and professional system architecture diagram for an AI-powered interview preparation web platform.

### Requirements:

- Frontend built with **React.js** (Component-Based Architecture).
- Backend is **NOT required** (Frontend-only deployment on **Netlify**).
- User authentication simulated (via Local Storage or basic session handling).
- **Pages/Sections:**
  - Homepage
  - Login/Signup
  - Dashboard
  - Company-Specific Interview Pages
  - Practice Quiz Section
  - Feedback Modal
  - Profile Settings Page
- Mobile Responsive UI (indicate mobile-first design consideration).
- Dynamic content management (for companies, quizzes, user profiles) handled with local JSON files or simulated API.
- AI services (question generation, feedback generation) simulated using external AI APIs (optional annotation).
- Hosting on **Netlify** (show the deployment step visually).

### Style:

- Minimalistic, clean lines.
  - Use simple boxes and arrows (No 3D, no complicated server clusters).
  - Label key components clearly.
  - Emphasize the flow: User → Frontend → AI services (optional) → Netlify Hosting.
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## Prompt for Bolt.new (UI Design/Homepage Creation)

Create a homepage for an AI-Powered Interview Preparation Platform.

Features:

- A top navbar with the app name 'Tech Interview Prep' and a search bar to search companies.
  - A headline saying 'Top Tech Company Interview Preparation' with a short subtext description.
  - A 'View System Architecture' button under the headline.
  - A 'Filters' button on the left below the headline.
  - A responsive grid layout showing cards for different companies (Google, Microsoft, Amazon, etc.).
  - Each card should include:
    - Company logo
    - Company name and short description
    - Tags showing the interview process stages (like 'HR Screen', 'Technical Phone Interview')
    - Average duration of interview process
    - Link to 'Careers' page
  - Clean, minimalistic, professional design (white background, subtle shadows, rounded corners).
  - Sticky footer with links: 'Resources', 'About', 'Connect'. Use TailwindCSS for styling."
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## **Prompt for Bolt.new (Navigation/Routing/Other Screens Creation)**

Generate a detailed company interview preparation page for all companies for my AI-Powered Interview Prep website.

The page should include:

- Company logo and intro paragraph
- Interview Process (Stages like Screening, Phone Interview, Onsite, etc.)
- Question Types (Coding, System Design, Behavioral, Company-Specific) with frequency tags
- Average Duration and additional notes
- Career Links categorized (like Software Engineering, Product Management, Data Science, Business Roles)
- Clean, modern UI using TailwindCSS
- Responsive design optimized for mobile and desktop

Focus on clean sections, badges for frequency, process steps with icons or markers, and card-style layout."

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### **Prompt for Cursor (To add/scale the companies list from 8 to 20)**

- Use the companies.ts file.
  - Make the companies list from 8 to 20.
  - Use real world data
  - IT industries or financial big tech firms only
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### **Prompt for Cursor (To make search feature work fine)**

Search is already implemented. Just make it correct to search only by "name" of company rather than "full description".

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### **Prompt for Cursor (Added LEARN PAGE functionality)**

Lets make my website more realistic and usable!

Add the Learn component Page integrated to the frontpage of the application on navigation bar where user can go and find various categories of leetcode or hackerrank or simplylearn or youtube links on clickcking on which use will be navigated to the particular platform website to contunue learning. Make it look visually good and optimized

Use component architecture for building components.

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### **Prompt for Cursor (Visual changes to navigation Bar)**

Please make the Navigation bar look good, with appropriate spaces.

Also, make it visually appealing

Give good design and colors

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## Prompt for Cursor (Adding Footer Links using CURSOR)

I see the footer links are still not fixed.

Could you please fix all the footer links.

### 1. Interview tips should point to -

"@<https://www.ohsu.edu/sites/default/files/2019-04/How-to-Answer-the-64-Toughest-Interview-Questions.pdf> "

### 2. Resume Help -

"@[https://www.resumehelp.com/landers/t1?utm\\_source=google&utm\\_campaign=22234377823&utm\\_medium=cpc&utm\\_RaZcvmMYFBCUaAsurEALw\\_wcB](https://www.resumehelp.com/landers/t1?utm_source=google&utm_campaign=22234377823&utm_medium=cpc&utm_RaZcvmMYFBCUaAsurEALw_wcB) "

### 3. Practise questions - Navigate to Learn page

#### About section

1. **our team** - write about me "Alish" as the individual contributor of this website under supervision of my mentor "Fabio Nolasco"

Provide LinkedIn IDs - @<https://www.linkedin.com/in/alishjain0102/>

@<https://www.linkedin.com/in/fabionolasco/>

2. **Contact** - "alishjain0102@gmail.com"

Also provide a form for them to submit with general queries. The form should have their name, email ID, contact and message

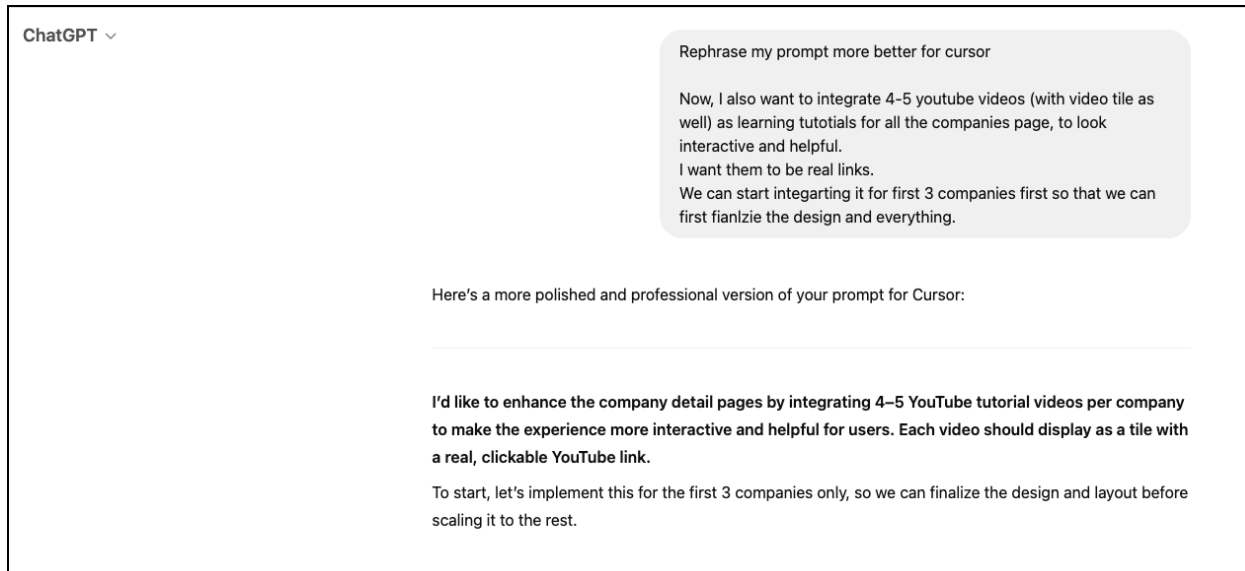
It should trigger me message on my email ID alishjain0102@gmail.com

3. **privacy policy and terms of service** - write it by your own

**Connect section** - "LinkedIn image" should trigger Alish Jain's LinkedIn

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## Prompt Rephrased for Cursor using CHATGPT (Adding youtube videos for first 3 company details page)



### **Prompt Sent to CURSOR after rephrasing via CHAT GPT -**

I'd like to enhance the company detail pages by integrating 4-5 YouTube tutorial videos per company to make the experience more interactive and helpful for users. Each video should display as a tile with a real, clickable YouTube link.

To start, let's implement this for the first 3 companies only, so we can finalize the design and layout before scaling it to the rest.

### **Prompt Sent to cursor for updating the youtube links -**

Could you please revise my last prompt to use actual, working YouTube video links? Please make sure the videos are from the past two years, as I want to ensure the content is up-to-date for users.

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## **Prompt for Chatgpt (providing youtube links for rest all company details page)**

I am seeking the top 5 YouTube video links for each of the following companies to thoroughly prepare for their interview processes. The videos should be currently active, have been published or updated within the past 3 years, and have high engagement (views, likes, or reviews).

Target Companies:

- Microsoft
- Apple
- Netflix

- Salesforce
- Adobe
- NVIDIA
- PayPal
- Intel
- Oracle
- JPMorgan Chase
- Stripe
- AMD
- Cisco
- ServiceNow
- Intuit
- Visa
- vmware

Please provide only direct YouTube links in the response - no summaries or updates needed.

ChatGPT
Sure! Here are the **actual clickable YouTube links** for easy copy-pasting:

**Microsoft**

- <https://www.youtube.com/watch?v=oBDym2nB9zE>
- <https://www.youtube.com/watch?v=8Myx-vy0csM>
- <https://www.youtube.com/watch?v=DbKxjnzxbYU>
- <https://www.youtube.com/watch?v=NJsANA8bB7w>
- <https://www.youtube.com/watch?v=fRozLeshPiA>

**Apple**

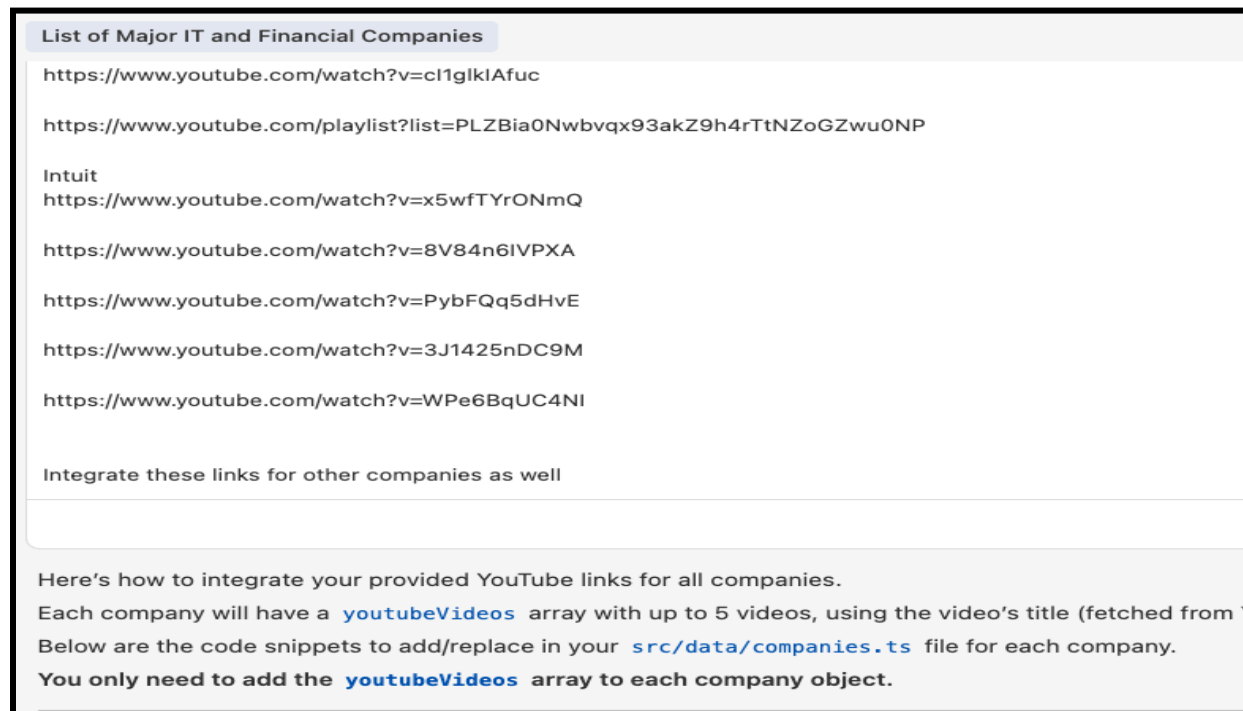
- <https://www.youtube.com/watch?v=lKyFyN9P43s>
- [https://www.youtube.com/watch?v=PRMZhuc\\_6Bw](https://www.youtube.com/watch?v=PRMZhuc_6Bw)
- <https://www.youtube.com/watch?v=d83l-qMxkfk>
- <https://www.youtube.com/watch?v=CLtEvZzLUqc>
- <https://www.youtube.com/watch?v=4Sd0iEtdanc>

**Netflix**

- [https://www.youtube.com/watch?v=6c-\\_gyTcTdg](https://www.youtube.com/watch?v=6c-_gyTcTdg)
- <https://www.youtube.com/watch?v=N6UXJkgDn>

**Prompt for cursor (Add youtube links for rest all company details page)**

I copied these links and asked the cursor to integrate it with existing applications.  
It did it perfectly.



## Prompt for all the visual enhancements inside CURSOR (FINAL DESIGN)

*THIS PROMPT IS REFINED by CHATGPT first, and then I pasted it to the cursor.*

Please review and enhance the UI of this final design for the Tech Interview Prep platform. Focus on visual consistency, responsiveness, accessibility, and theming. Apply Tailwind CSS best practices. Here's a complete list of improvements to apply:

### Backgrounds & Sectioning

- Ensure background colors have a clear contrast between the top navigation (#f9f9f9), hero section (white), and body section (light blue #bfe0ea).
- Use a consistent neutral or gradient background to reduce sharp visual shifts.
- Add visual padding or borders between major sections for better separation.

### Font Sizes & Hierarchy



- Increase font size of the main headline: “Top Tech Company Interview Preparation” to at least text-2xl or text-3xl.
- Subtitles and descriptions should consistently use text-base or text-sm.
- Apply a consistent font weight strategy (e.g., font-semibold for titles, font-normal for descriptions).

#### Card Styling Consistency

- Standardize card padding (p-6), rounded corners (rounded-2xl), and shadows (shadow-md).
- Align logo size and positioning within each card.
- Use consistent vertical spacing (gap-4, space-y-2) inside all cards.
- Keep all tags (e.g., “Technical Interview”, “Phone Screens”) uniformly styled using Tailwind pills like: px-2 py-1 rounded-full text-xs bg-blue-100 text-blue-800.

#### Dark Mode

- Implement dark: variants for all major sections:
- dark:bg-gray-900, dark:text-white for backgrounds and text
- dark:shadow-none or darker card shadows

#### Color & Contrast Accessibility

- Make the “Careers” link clearly visible with a high-contrast hover state (hover:text-blue-600 underline).

#### Top Navigation Bar

- Ensure consistent height and padding of the navbar.
- Improve spacing between "Home", "Learn", and search bar.  
Center elements vertically using flex items-center.
- Add active state styling for navigation buttons (bg-gray-200, font-semibold, rounded-md).

#### Search Bar UI

- Increase padding and width of the search bar (py-2 px-4, w-[300px] or w-full max-w-md).
- Add border or subtle background color for better visibility.
- Consider adding focus:ring effects for accessibility.

## Responsive Design

- Stack cards vertically on small screens using responsive grid (grid-cols-1 sm:grid-cols-2 lg:grid-cols-3).
- Ensure navbar, search bar, and toggle remain accessible at all screen sizes.

## Interactivity Enhancements

- Add hover animations to cards: hover:shadow-lg, hover:scale-105, transition-transform.
- Add tooltips or accessible labels on bookmark/save icons using aria-label.

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## Prompt for UNIT TESTING (Used Windsurf. Codeium is now Windsurf.)

Write comprehensive unit test cases for all the components in this project.

Use the testing library that matches the current stack (e.g., React Testing Library for React or Jest for JavaScript components).

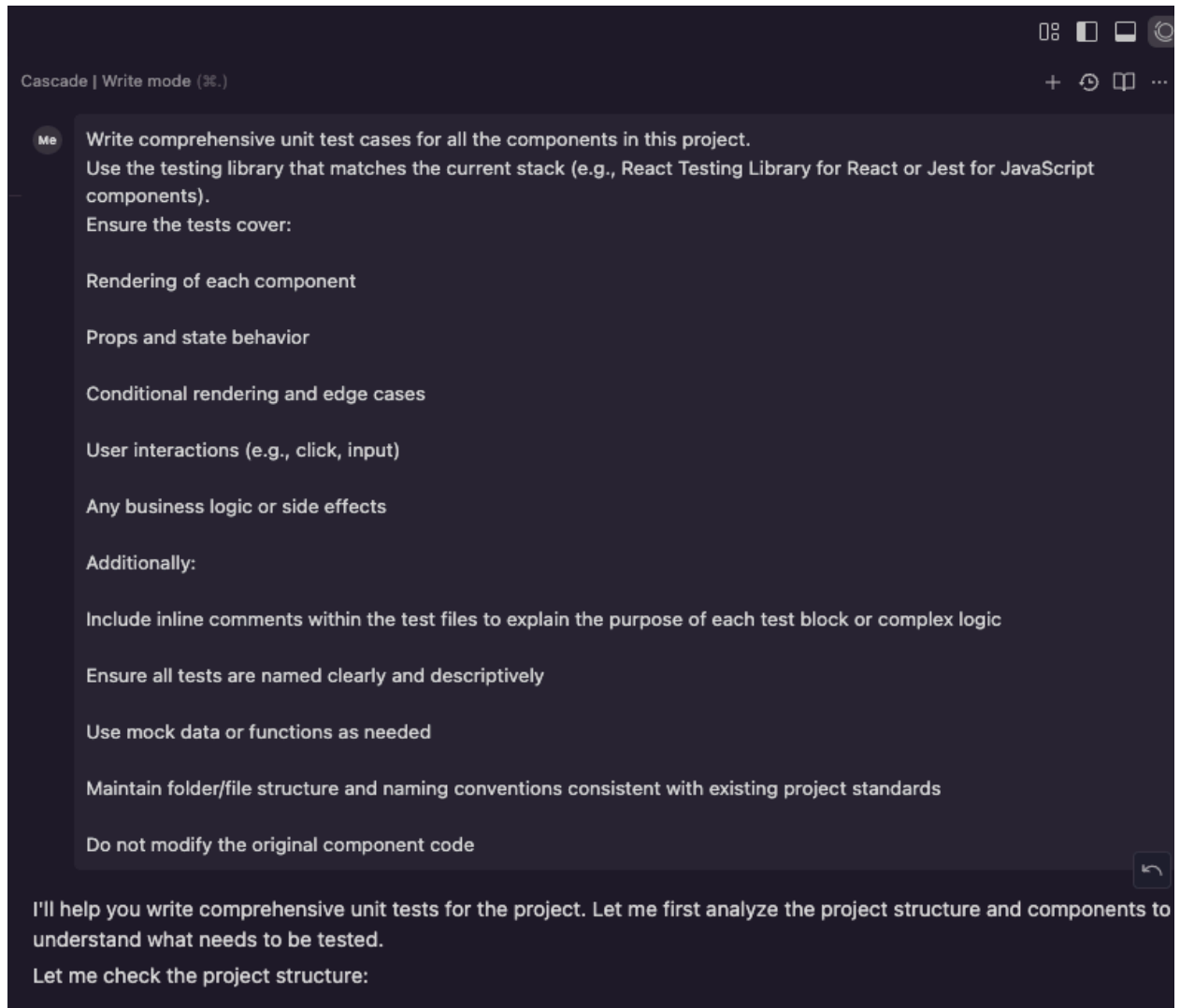
Ensure the tests cover:

- Rendering of each component
- Props and state behavior
- Conditional rendering and edge cases
- User interactions (e.g., click, input)
- Any business logic or side effects

Additionally:

- Include inline comments within the test files to explain the purpose of each test block or complex logic
- Ensure all tests are named clearly and descriptively
- Use mock data or functions as needed
- Maintain folder/file structure and naming conventions consistent with existing project standards

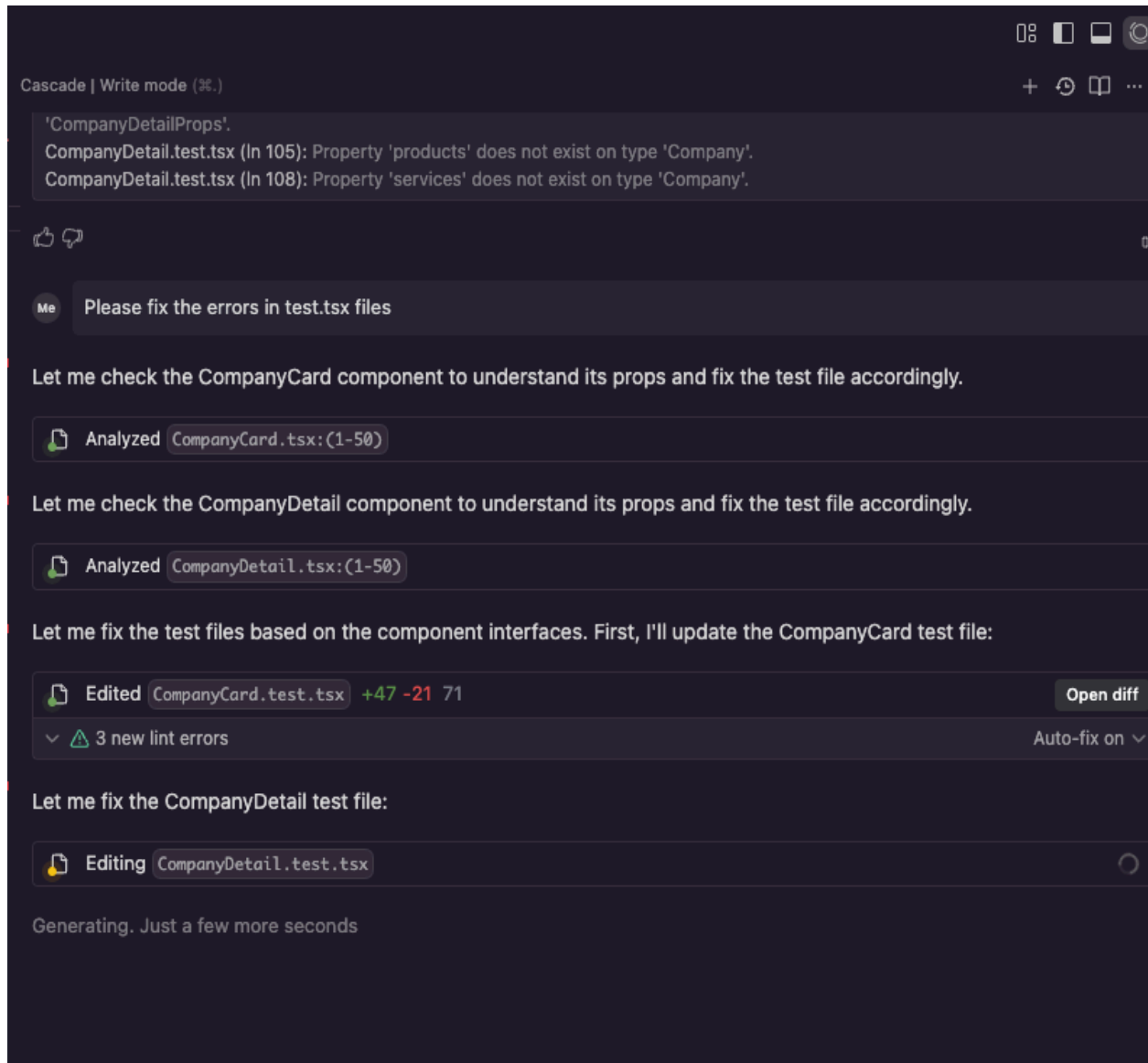
IMPORTANT : Do not modify the original component code.



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## Another Prompt for UNIT TESTING on windsurf (Fix errors)

Please fix the errors in test.tsx file

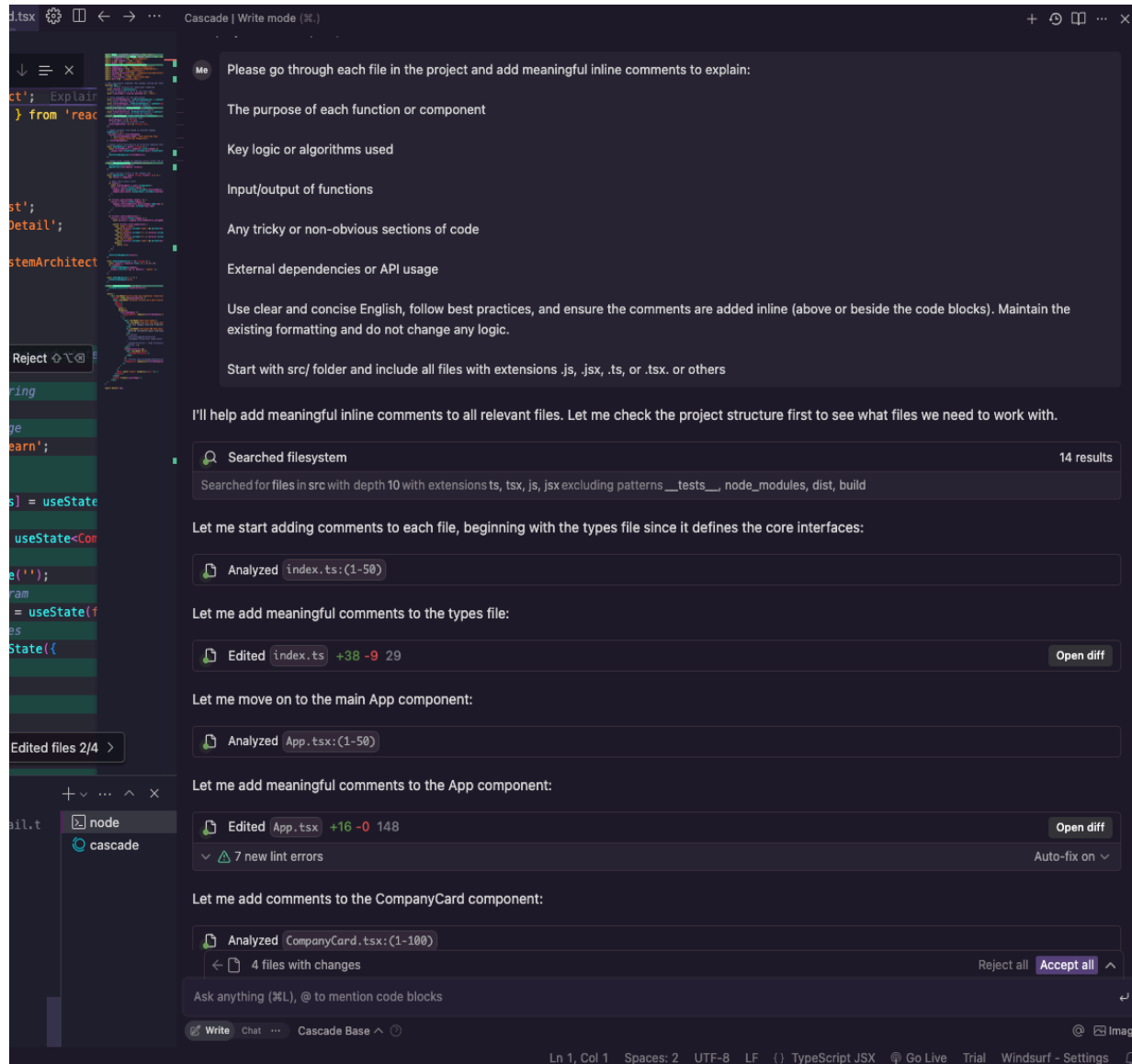


## Prompt for providing INLINE COMMENTS on windsurf

Please go through each file in the project and add meaningful inline comments to explain:

- The purpose of each function or component
- Key logic or algorithms used
- Input/output of functions
- Any tricky or non-obvious sections of code
- External dependencies or API usage

- Use clear and concise English, follow best practices, and ensure the comments are added inline (above or beside the code blocks). Maintain the existing formatting and do not change any logic.
- Start with src/ folder and include all files with extensions .js, .jsx, .ts, or .tsx. or others



## Prompt for providing Readme.md file on windsurf

Generate a README.md file for my project with the following details:

1. **Project Title and Description** – Clearly describe the project, its goals, and real-world use. Emphasize that this project is fully integrated with real-world data sources—**no mock data is**

**used.**

2. **Real-World Integration Note** – Clearly state that:
  - The project uses actual production-ready or publicly accessible data sources.
  - All systems and features are functional and reflect realistic scenarios.
  - Users can confidently use this tool for real job applications, academic research, or study assistance.
3. **Functional Documentation** – List and describe each feature in detail. Explain how each component works in practice, including real data workflows.
4. **Setup Instructions** – Provide steps to install, configure, and run the project locally.
5. **Usage Instructions** – Include real examples of how users would interact with the system for their use cases (e.g., job application tracking, study planning, or report generation).
6. **Visuals or Diagrams** – Add architecture diagrams, user flow charts, or UI mockups. You can use Mermaid syntax or Markdown-based visuals.
7. **Contributing Guidelines**
8. **License and Contact Information**

Ensure that the Markdown formatting is clean, the content is well-structured with headers, bullet points, and inline code as needed. Include inline comments if anything needs user customization.

