

■ AI Interview Report

Candidate: sdfghj
Role: Software Engineer
Domain: frontend
Experience: 0-1 years
Interview Mode: Technical
Date: September 08, 2025 at 01:57 AM

■ Overall Performance

Metric	Score
Overall Score	5.2/10
Technical	4.0/10
Communication	6.0/10
Confidence	7.0/10

■ Interview Questions & Answers

Question 1 | Technical: 4/10 | Communication: 6/10 | Confidence: 7/10

Question: Explain the difference between `let`, `const`, and `var` in JavaScript, and when you would use each one.

Your Answer:

Problem Descriptionnnn The goal is to build an LLM-based chatbot that can simulate technical or behavioral interviews for job seekers. This tool should not only ask relevant questions based on the chosen role but also evaluate the candidate's responses, offering feedback, scoring, and suggestions for improvement. Key Features & Functional Requirements: User Role & Domain Selection - The user chooses the target job role (e.g., Software Engineer, Product Manager, Data Analyst). - Optionally, the user can specify a domain (e.g., frontend, backend, ML, system design). Interview Mode Choose between: • Technical Interview: Algorithm questions, coding, system design, or domain-specific. • Behavioral Interview: STAR-format questions, teamwork, leadership, conflict resolution, etc. Simulated Conversation - The chatbot conducts the interview in a Q&A; format. - It can ask a series of questions (e.g., 3–5) based on the selected role and mode. - The bot evaluates each user answer: • Clarity, correctness, completeness • Use of real-world examples (behavioral) • Technical accuracy (technical) - Each answer receives feedback and optionally a score. Real-Time Interaction - Smooth back-and-forth conversation flow. - Optional "retry" for each question or "skip". Final Summary Report A wrap-up with: • Areas of strength • Areas to improve • Suggested resources - Optional final score or rating (e.g., 8/10) User Interface: - Web UI (using Streamlit, Gradio, Flask, etc.) - Clean layout for question display, user input, and feedback - Optionally, allow saving/exporting session summaries AI / Technical Stack Suggestions: - LLMs: OpenAI (ChatGPT API), Claude, Cohere, Mistral, or LLaMA2 - Prompt Engineering:

Tailor prompts for role-specific and behavior-specific questions - Scoring Rubric: Use LLM to judge based on defined criteria for each question type - Libraries & Tools: • openai or relevant LLM SDK • streamlit / gradio / flask for frontend • dotenv for environment variables • langchain (optional) for prompt orchestration • pandas / json for session tracking and summaries Bonus Features (Optional): - Personalized feedback history over multiple sessions - Export feedback as PDF - Voice input/output integration - Custom question sets (e.g., FAANG-style, STAR-based, etc.) - Leaderboard or gamified scoring Problem Selected!

AI Feedback:

The answer lacks precision in explaining the differences and use cases. Focus on scoping and hoisting differences between `var` and the others. Provide concise, specific examples for each.

Suggested Improvement:

`var`: Function-scoped (or globally scoped if declared outside a function), hoisted, can be redeclared and reassigned. Example: `var x = 10; var x = 20;` (valid). **`let`**: Block-scoped, not hoisted, cannot be redeclared in the same scope, can be reassigned. Example: `let y = 10; let y = 20;` (invalid). **`const`**: Block-scoped, not hoisted, cannot be redeclared or reassigned. Example: `const z = 10; z = 20;` (invalid). Use `const` for constants, `let` for variables that might change, and avoid `var` in modern JS.

■ Recommended Resources

- <https://developer.mozilla.org/en-US/docs/Web/JavaScript/Reference/Statements/var>
- https://www.w3schools.com/js/js_let.asp

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