SHL Assessment Recommendation System

To obtain the solution, I created a backend using Node.js and Express.js that takes a job description or query as an argument and forwards it to Google Gemini 2.0 Flash API. The query requests Gemini to return a structured JSON response containing a maximum of 10 SHL assessments and details like:

- URL
- Duration
- Description
- Test Type (e.g., Cognitive, Behavioral, etc.)
- Remote Support (Yes/No)
- Adaptive IRT Support (Yes/No)

I managed response cleanup by stripping away excess Markdown or formatting to allow proper JSON parsing.

The backend was hosted on Vercel via a serverless deployment. I also rewrote server.js to export the Express app (excluding app.listen) and created a vercel.json file to specify API routes. The Gemini API key was securely stored using Vercel's Environment Variables.

On the client side, a basic React + Vite form takes user input and makes a POST request to /api/recommend. The AI-created evaluations are dynamically rendered on the page which is deployed on Vercel.

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