

PROJECT OVERVIEW

To build a Multi-AI Comparison Tool that allows a user to input a prompt and receive real-time, side-by-side responses from three advanced AI models: ChatGPT (OpenAI), Claude AI (Anthropic), and DeepSeek

Using VS Code for full control, clean folder structure, and local testing with real API keys. The tech stack includes a React.js + Tailwind CSS frontend for responsive UI, a Node.js + Express backend for handling API logic, and integrations with trusted LLM APIs from OpenAI, Anthropic (Claude), and DeepSeek. The development process follows structured phases: building the frontend UI with input and response components, setting up backend routes (/api/chatgpt, /api/claude, /api/deepseek) with secure .env key handling, integrating the frontend and backend using axios, and performing comprehensive testing using Postman and console logs to handle edge cases like missing keys or API delays. Once stable locally, I deploy the frontend on Vercel and the backend on Railway, making the tool publicly accessible with secure, production-ready architecture.

