



Mitalee Dewangan

Frontend Developer • Fullstack Developer • Backend Developer

Rugta college of engineering and Technology bhilai • 2025 Pass out



Projects

GEMINI_AI_CLONE



- To create a web-based AI chatbot that mimics Google's Gemini functionality using the Gemini API, allowing users to input natural language prompts and receive intelligent, contextual responses.
- Set up a React frontend using Vite for fast performance. Integrated Google's Generative AI SDK in the Node.js backend. Built routes in Express.js to handle prompt submission and response streaming. Connected frontend to backend using Fetch API for real-time updates. Added context management to track user input and past conversations.
- Text input with response rendering in real-time. Maintains chat history using React state. Context-aware replies powered by Gemini 1.5 Flash model. Clean UI with responsive design. Modular folder structure for scalability and maintainability.

Skills Developed: React.js, NodeJs, ExpressJs, API

AI Powered Code-Reviewer



- To develop an intelligent code-review tool that helps developers analyze and improve their code by providing AI-generated suggestions for syntax, logic, performance, and security using natural language.
- Created a React.js frontend where users can paste or type any code. Built an Express.js backend to manage API requests. Integrated Google Gemini API to review the submitted code and generate natural language feedback. Applied prompt engineering techniques to ensure relevant and accurate responses. Displayed AI responses clearly in the frontend for better understanding and user experience.
- Supports multiple programming languages. Provides feedback on logic errors, syntax issues, and optimization tips. Clean and responsive. Reusable component structure for maintainability. Real-time feedback generation with loading indicators.

Skills Developed: React.js, NodeJs, ExpressJs, API, Javascript

Skills

Certifications & Courses

Core java Certificate

- Learned object-oriented programming concepts including classes, objects, inheritance, polymorphism, and encapsulation. Gained hands-on experience with Java syntax, loops, arrays, exception handling, and file I/O operations. Understood basic concepts of multithreading, collections framework, and JDBC for database connectivity.

June 2023 | [Certificate Link](#)

Data Structure & Algorithm (java) Certificate

- Certified in Data Structure & Algorithm and understanding of key data structures and algorithms, including arrays, linked lists, stacks, queues, trees, and graphs

October 2023 | [Certificate Link](#)

Achievements/ Extracurricular Activities

- Participated in dance competitions in College
- Completed multiple full-stack projects independently using React.js, Node.js, and MySQL.
- Earned Certificate in Data Structures and Algorithms from Coding Spoon
- Earned Core Java Certification from Seed It Solutions