Patel Jaykumar Rakeshbhai

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❖ PROFESSIONAL SUMMARY

Computer Science student with strong skills in full-stack development, AI integration, and automation. Experienced in MERN stack, Django, and modern web technologies. Built and deployed real-world projects and interned at Samsung SDS as a Software and RPA Developer. Passionate about building scalable tech solutions and continuous learning.

❖ EDUCATION

SSIT-Shree Swaminarayan Institute Of Technology   **2024 – Present**
*B. Tech - Computer Science and Engineering - **CGPA – 9.26***   *Gandhinagar, Gujarat*

SSP-Shree Swaminarayan Polytechnic   **2021-2024**
*Diploma-Computer Engineering **– CGPA-9.65***   *Gandhinagar, Gujarat*

Sheth C.M Highschool   **2020-2021**
*10th – **83%***   *Gandhinagar, Gujarat*

❖ PROJECTS

AI Image Enhancer ⧉ / MERN Stack, Third party API'S   **MAR - 2025**
- Built a full-stack web app to enhance image quality using AI models (denoising, upscaling, brightness/contrast adjustment).
- Used React for frontend with live preview and drag-drop upload; Express and Node.js for API routing and file handling.
- *Integrated external AI API for real-time enhancement; stored image history and metadata in MongoDB.*

Realtime Chat Web App. ⧉ / MERN Stack, Socket.io, JWT, Tailwind CSS   **MAR - 2025**
- Developed a real-time chat application with user authentication, one-to-one messaging, and online status tracking.
- Integrated **Socket.io** for instant message delivery and live updates without page refresh.
- Implemented JWT-based login system, secure chat routes, and stored messages/user data in MongoDB.
- Responsive UI built with React and Tailwind for smooth user experience across devices.

AI-Powered Code Reviewer ⧉ /MERN Stack, Gemini API   **FEB - 2025**
- Built a web-based tool that reviews code snippets using **Google's Gemini API** to provide instant feedback, suggestions, and improvements.
- Enables users to submit code, detect bugs, and receive AI-generated reviews with best practices and optimizations.
- Features include syntax highlighting, multi-language support, and feedback history stored in MongoDB
- Designed with a clean, responsive UI for seamless user experience across devices.

❖ TECHNICAL SKILLS

Languages: Python, C/C++, JavaScript, SQL
Technologies/Frameworks: HTML5, CSS3, React, MongoDB, Express, Java-script, Bootstrap
Developer Tools: Git, GitHub, Postman VS Code, PyCharm, Enaconda, MongoDB

❖ ACHIEVEMENTS

- Secured 1st Rank in 6th Sem GTU exam.
- Secured 1st Rank in Box Cricket.