Nikhil Panday

MERN STACK DEVELOPER

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GitHub || LinkedIn

Skills

Languages: C/C++, Python, JavaScript ,HTML ,SQL

Technologies & Tools: ReactJS , NodeJS , ExpressJS , Socket.io , MongoDB , Firebase , TailwindCSS ,MySQL , TypeScript , NextJs.

Experience

Full Stack Developer Intern - **Digital Guruji**   Jan 2025 - March 2025
- Developed and maintained full-stack web applications featuring AI-powered tools.   *Remote*
- Built an AI Script Generator that automates content creation.
- Developed an Image Background Remover, for image processing.

Education

DIT , PIMPRI   Aug 2023 - Jun 2027

B.E. in Artificial Intelligence and Data Science .   *CGPA: 10/10*

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

S.M CHOKSEY , PUNE   Aug 2021 - Jun 2023
                                                                                 SCORE: 86 %

Higher Secondary Education - PCM

Relevant Coursework: Computer Science , Maths , Physics , Chemistry , Assembly Language , Logic Gates .

Project Work

Vscode AI Chat Assistant Extension : Project Link
- Build a custom VS code extension with an AI-powered chat assistant using **React** and **Typescript**.
- Integrated **Gemini** API for contextual code generation, debugging, and explanation
- Enabled smart file editing via @filename mentions and auto-apply code blocks to files
- Implemented syntax-highlighted markdown rendering with support for code, images, and follow-up prompts
- Managed contextual awareness by capturing open files and dynamically updating based on user prompts

Collabrative Text Editor: Project Link
- Focused on creating a **secure, user-friendly experience**, ensuring data persistence and real-time interaction.
- **Developed a collaborative text editor** allowing multiple users to work on the same document in real-time.
- **Implemented JWT authentication** to secure user access and manage sessions.
- **Integrated MongoDB** to store user data and real-time document content.
- Used **Zustand** for efficient state management, enabling smooth state updates across the app.
- Leveraged **React Router** for seamless navigation between different pages of the editor.
- **Built real-time chat functionality**, enabling users to communicate while editing collaboratively.
- Styled the app using **Vanilla CSS** for a clean.

Achievements

Achieved a **CGPA of 10** in the first year, ranking top among **1200 students** at the institute. Demonstrated consistent academic excellence and commitment to studies.