

Nikhil Panday

Full Stack Developer (Frontend : React , Next.js | Backend : Node.js , Express , MongoDB)

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[GitHub](#) || [LinkedIn](#) || [Portfolio](#)

Skills

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

Technologies & Tools: ReactJS , NodeJS , ExpressJS , Socket.io , MongoDB , Firebase , TailwindCSS ,MySQL , TypeScript , NextJs, Computer Network, Postman, Vercel, Zustand, Redis, Linux, Docker, Containerisation, React native.

Work Experience

Full Stack Developer Intern - [Digital Guruji](#)

Jan 2025 - March 2025

Remote

- Developed and maintained full-stack web applications featuring AI-powered tools.
- Built an AI Script Generator that automates content creation.
- Developed an Image Background Remover, for image processing.

React Developer - [AppYard](#)

Sep 2025 - Present

Remote

- Built client web apps in React.js and mobile apps in React Native.
- Used Firebase for backend, authentication, and data management.

Education

DIT , PIMPRI

Aug 2023 - Jun 2027

CGPA: 10/10

B.E. in Artificial Intelligence and Data Science .

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

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

Collaborative 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.

AI Powered Knowledge Base: [Project Link](#) | [Visit](#)

- Built a full-stack platform enabling teams to create, manage, and search knowledge documents with real-time collaboration. Used **Quill.js** for document editor implementation.
- Integrated **Gemini AI** for auto-summaries, intelligent tagging, semantic search, and context-aware Q&A over stored docs.
- Added real-time updates using **Redis** Pub/Sub + Socket.io, ensuring instant sync across team dashboards.
- Technologies Used :- Socket.io , ReactJS , TailwindCss , Javascript , NodeJs , ExpressJs , MongoDB ,Redis.

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.