

# Nikhil Panday

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

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

## Skills

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**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

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### 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

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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

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### 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.

### 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

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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.