

# Pratik Jadhav

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## Skills

ReactJS | NextJS | TypeScript | HTML | CSS | Tailwind CSS | Bootstrap | JavaScript | NodeJS | Express | PostgreSQL | Firebase | MongoDB | SQL | Redis | REST API | GraphQL | Jest | C++ | Java | C | Git | GitHub | Bitbucket | LLM Integration

## Work Experience

**ApplyBuddy Technologies** | Software Developer

(September 2024 - Present)

- Designed and optimized complex **SQL queries** to enhance **data retrieval** and management, improving the efficiency of **backend** operations.
- Enhanced the **SEO** of the React application by implementing structured data with **JSON-LD** and using the Helmet package for better metadata management. Optimized images and **lazy-loaded** content, resulting in better search engine visibility and improved user traffic.
- Worked on algorithms related to text analysis, including **sentiment analysis**, and applied these algorithms via the **ChatGPT API** to generate and refine outputs that meet specific requirements.
- Engaged in **prompt engineering** to optimize API interactions, refining prompts to ensure high-quality and accurate responses, thereby improving overall user satisfaction.

**ApplyBuddy Technologies** | Full Stack Developer Intern

(May 2024 – August 2024)

- Developed **25+ reusable React components** and implemented **20+ API endpoints** using **Node.js** and **Express**, contributing to a robust and scalable **SaaS** application.
- Enhanced user experience by implementing responsive web pages and components with **React**, **TypeScript**, and **CSS**, adhering to provided **UI** designs and ensuring cross-device compatibility.
- Improved application performance by implementing **Redis** for caching and employing frontend **caching** strategies and debouncing techniques to minimize API calls.
- Elevated code quality and reliability by writing and executing comprehensive **test cases** using **Jest**.
- Strengthened application security by implementing a full **authentication** flow, incorporating **JWT** and **Google OAuth**.
- Utilized **Storybook** for efficient management and documentation of UI components, promoting consistency and reusability across the application.
- Collaborated effectively with the development team using **Bitbucket** for **version control**, facilitating seamless project tracking and code collaboration.

**Apt-Tech Solutions** | Application Development Intern

(August 2023 - October 2023)

- Collaborated to the design and functionality of the Apt-Tech Solutions attendance management **Andriod app**, now with 500+ downloads on the Google Play Store.
- Leveraged **Firebase** as the primary data storage solution, enabling efficient data storage and real-time updates.
- Led database design and optimization efforts, ensuring data integrity and efficient data storage.
- App Link: <https://play.google.com/store/apps/details?id=com.wisnolect.aptech>

## Projects

**Story\_Co-Pilot: AI-Powered Platform for Story Writers**

- Identified inefficiencies in the creative writing process, forcing writers to juggle 3 separate tools and hindering workflow.
- Built a web-based platform for story writers, providing a **rich text editor** and **AI assistance** powered by the **Gemini LLM API**, all within a unified platform.
- Developed Story\_Co-Pilot to streamline the workflow for storytellers by merging **text editing** (formerly reliant on Microsoft Word, Google Docs etc.), **AI ideation** (previously scattered across ChatGPT, Gemini website), and **image generation** (previously accessed through Midjourney, Stable Diffusion) into a single platform.
- Front-end technologies: NextJS, Tailwind CSS, TypeScript, Framer Motion, NextUI, Firebase Authentication

- Back-end technologies: NodeJS, Express, TypeScript, Firebase (REST API).
- Live Link: <https://story-copilot.vercel.app/>

### MERN Stack Ecommerce App

- Created a fully functional Ecommerce Web App with **ReactJS**.
- Implemented **JWT** based **Authentication** for secure user access.
- Front-end technologies: ReactJS, Bootstrap
- Back-end technologies: NodeJS, MongoDB, Express
- Live Link: <https://myecom-ecommerce-app.onrender.com/>

### Hackathon Winning Project: Local Document Summarization Website

- Led the local fine-tuning of the **Llama** Language Model for document summarization.
- **Integrated** the fine-tuned **LLM** into a web app using ReactJS for frontend and Postgres for backend, ensuring seamless communication and robust functionality.
- Contributed to a winning team effort, showcasing collaborative skills, and proficiency in both web development and **AI** technologies.
- Front-end technologies: ReactJS, Tailwind CSS
- Back-end technologies: Python, Flask, PostgreSQL

### Personal Portfolio Website

- Utilized **ReactJS** for **frontend** development.
- Employed **Tailwind** CSS for efficient and **responsive** styling.
- Incorporated Framer Motion for captivating animations and interactions.
- Technologies: ReactJS, Tailwind CSS, Framer motion
- Live Link: <https://pratik-portfolio-temp.netlify.app/>

### Achievements

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- Selected as a **finalist** in **Smart India Hackathon 2023**.
- Secured **first** place with my team at the **Braint-It-On 2.0 2024 hackathon** hosted at PVPIT College Sangli.

### Education

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Kolhapur Institute of Technology, Kolhapur

2021 - 2024

- Bachelor of Technology (BTech) in Computer Science | CGPA: **8.96/10**