Vedansh Tiwari

Varanasi, UP India

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Work Experience

Aradhya Technologies and skill development Pvt Ltd.   *Varanasi, India*

Full Stack Developer Intern   *08/2024 – 12/2024*

- Engineered and deployed backend systems using **Node.js** and **MongoDB**, implementing database to support **1,000+** users on **SaaS** platforms**.**
- Built **RESTful APIs** with **Express.js,** utilizing **Redis-based caching** to reduce response time by **30%** and ensure system reliability.
- Optimized workflows by developing automated **reporting tools** using **Node.js** and integrating them into the team's SaaS platform, increasing efficiency by **25%** and saving **40+ hours** monthly.
- Delivered e-commerce and analytics projects **15%** ahead of **deadlines** by employing **Scrum practices**, including sprint planning and daily stand-ups, achieving **100%** client satisfaction.
- Implemented **OCR** solutions to digitize and process documents, improving **scanning accuracy** by **10%** and enabling seamless data extraction.
- Deployed an employee activity monitoring system using **ActivityWatch**, tracking **100+ user** actions daily post-login to ensure **95% productivity** compliance and identify areas for improvement.

Projects

Task Manager   *Varanasi, India*

Self-Initiated Project   *12/2024 – 12/24*

- Built a **task management platform** using **Next.js** and **Node.js**, allowing users to **create, update, and delete tasks** effortlessly.
- Designed a **clean and intuitive UI** with **Tailwind CSS**, improving user experience and accessibility.
- Implemented **task categorization and filtering** features to enhance productivity and task organization.
- Optimized performance by implementing **server-side rendering (SSR)** and **client-side fetching** for a seamless user experience.
- Live Demo: https://internshiptask1.vedanshtiwari.tech/task
- Github Link: https://github.com/Vt221001

CRM-based SaaS School Application   *Varanasi, India*

Team Project (2 Members)   *09/2024 – 12/2024*

- Architected a **CRM** platform supporting **10+ schools**, with features for student profiles, attendance, and timetables.
- Designed a **multi-tenant** database system with **MongoDB,** ensuring secure separation for **10+ admins** and **1,000+ records**.
- Developed scalable **schemas** to efficiently manage **5,000+** records of student,teacher, and parent data.
- Live Demo: https://mainpage.vedanshtiwari.tech
- Github Link: https://github.com/Vt221001/schoolApplication

Skills

Core Expertise	RESTful API Development, Backend Engineering, SaaS Architecture,GraphQL API ,Frontend Integration
Programming Languages	JavaScript, Python, Java
Libraries & Frameworks	React.js, Express.js, Node.js, Next.js, Tailwind CSS
Database Technologies	MongoDB, MySQL, Postgre SQL, Firebase.
DevOps & Tools	cPanel, Vercel, GitHub, VS Code
Soft Skills	Communication, Collaborative Teamwork, Cross functional Coordination

Education

Vellore Institute of Technology (VIT)   *Bhopal, India*

Master of Computer Applications (MCA)   *08/2023 - 07/2025 (Expected)*

- CGPA: **8.5/10**

Certificates

04/2024   **Full Stack Web Development Bootcamp ,** Udemy   *India*

Activities

Efficiently managed crowd logistics for over **3000+ attendees**, including global leaders and political dignitaries, at the prestigious **Rudraksha Convention Centre** in Varanasi, ensuring smooth entries.

Languages

English	Professional proficiency
Hindi	Native proficiency