NITESH KAKKAR

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Full-stack developer with a proven track record of building scalable, user-centric web applications. Experienced in developing innovative solutions that drive user engagement. Seeking opportunities to contribute to dynamic teams and create impactful digital experiences.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY   **VELLORE, INDIA**

Bachelor of Computer Science and Engineering   July 2022 – July 2026

- **CGPA:** 9.15

TECHNICAL SKILLS

- **Languages :**   Python, C, C++, Java, HTML, CSS, JavaScript, TypeScript, SQL
- **Frameworks :** ReactJS, NextJS, Prisma ORM, TailwindCSS, NodeJS, ExpressJS, MySQL, PostgreSQL
- **Tools :**   Git, Github, Postman, REST APIs

PROFESSIONAL EXPERIENCE

RESERVE BANK INNOVATION HUB (RBIH)   **REMOTE**

Engineering Team Intern   June 2024 – July 2024

- Conducted in-depth research on various financial calculators and terms, aimed to enhance financial literacy among new users and address common issues.
- Undertook the development of innovative and user-centric financial calculators with visualizers using ReactJS.

PROJECTS

BlogSphere [(Github)](#) [(Link)](#)

- Engineered a seamless, user-friendly interface for the blog platform using Next.js and TypeScript, while integrating Prisma ORM with Supabase to optimise database interactions and content retrieval processes.

ExamCooker [(Github)](#) [(Link)](#)

- **Spearheaded the development and maintenance** of ExamCooker, an exam preparation platform utilising TypeScript, Next.js, CockroachDB, and Redis, managing a **5,500-line codebase,** and supporting a user base of **3,200+ students**.
- **Reviewed and merged pull requests,** driving high code quality and ensuring timely delivery within Agile workflows.

Weather Prediction Model [(Github)](#)

- Developed an ML model during an event to predict weather using regression. Used a dataset with historical temperature data The model **achieved 95% accuracy** on forecasts.

ORGANISATIONS

ASSOCIATION FOR COMPUTING MACHINERY (ACM-VIT)   **VELLORE, INDIA**

Senior Core Committee Member   May 2023 – Present

- **Organised the "Reverse Coding" event,** where participants reverse-engineered problem outputs to collaboratively identify and develop code solutions.
- Contributed to the development of the website for the Reverse Coding using **Next.js and shadcn/ui,** facilitating participation for **over 700+ attendees.**
- **Facilitated the onboarding process for new core team members**, ensuring effective team collaboration.

INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE-VIT)   **VELLORE, INDIA**

Senior Core Committee Member   February 2023 – April 2024

- **Implemented oAuth 2.0 and Gmail API integration** to enhance an email categorization app, by extracting the specifics from mails. **Achieved efficient sorting of college emails into multiple categories** like academics, hostel, events, etc.

CERTIFICATIONS

- Microsoft Certified: Azure AI Fundamentals (AI-900)   Microsoft, July 2024
- The Complete 2024 Web Development Bootcamp   Udemy, April 2024