

Nitesh Kakkar

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Full-stack developer navigating complex problems through elegant web solutions. Skilled in crafting user-centric interfaces and full-stack solutions. Driven to build robust web solutions that deliver exceptional user experiences.

EDUCATION

Vellore Institute of Technology

B.Tech - Computer Science and Engineering

July 2022 – July 2026

CGPA: 9.26

TECHNICAL SKILLS

Languages: Python, C, C++, Java, HTML, CSS, Javascript, Typescript, SQL

Frameworks: ReactJS, NextJS, NodeJS, ExpressJS, TailwindCss, Prisma ORM, MySQL, PostgreSQL

Tools: Git, Github, Postman, REST APIs, Cron Jobs

EXPERIENCE

PRISM R&D Intern

Samsung R&D Institute India

Oct 2024 – Present

Remote

- Developing an enhanced wakeup detection system to reduce false wake-ups in AI assistants.
- Constructed a pipeline for model implementation and developed an audio dataset for training.

Engineering Team Intern

Reserve Bank Innovation Hub

June 2024 – July 2024

Remote

- Conducted in-depth research on various financial calculators aimed at enhancing financial literacy.
- Developed innovative and user-centric financial calculators with visualizers using ReactJS.

PROJECTS

TrackHub 🌐 📄 — Typescript, Next.js, Prisma ORM, Tailwind, CockroachDB, Cron Jobs.

- Built a dynamic platform for managing internship applications, reducing management time for students.
- Implemented features like application logging, company-specific rounds, interview dates, automated reminders, and an intuitive dashboard for upcoming rounds.

ExamCooker 🌐 📄 — Typescript, Redis, GCP, CockroachDB

- Led a team of 20 individuals in the development of ExamCooker, an exam preparation platform.
- Managed a 5,500-line codebase and supported a user base of 6000+ students.
- Reviewed and merged pull requests, driving high code quality and ensuring timely delivery within agile workflows.

BlogSphere 🌐 📄 — Typescript, Supabase, Clerk

- Engineered a seamless, user-friendly interface for the blog platform using Next.js, Typescript, and Tailwind.
- Integrated Clerk for authentication, Prisma ORM with Supabase for database, and Redis for caching blogs.

CERTIFICATIONS

- **Microsoft Certified: Azure AI Fundamentals (AI-900)**, Microsoft, July 2024
- **Postman API Fundamentals Student Expert**, Postman, December 2024
- **The Complete 2024 Web Development Bootcamp**, Udemy, April 2024

EXTRACURRICULARS

Senior Core - Association for Computing Machinery (ACM-VIT)

May 2023 – Present

- Organised and executed multiple flagship events, including Cryptic Hunt, an intricate cryptic clue-solving competition, and Reverse Coding, where participants reverse-engineered problem outputs.
- Developed event portals using Next.js and shadcn/ui, enabling smooth participation for over 700+ attendees.
- Integrated oAuth 2.0 and Gmail API in an email formatter app to categorise college emails efficiently.