

NITESH KAKKAR

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Pre-Final year student at VIT Vellore with a strong foundation in web development and a growing interest in AI/ML. Equipped with valuable skills in fullstack development and driven by a desire to create engaging user experiences and a hardworking spirit, I bring a valuable skill set and dedication to any team environment.

EDUCATION

VELLORE INSTITUTE OF TECHNOLOGY

Bachelor of Computer Science and Engineering

- **CGPA:** 9.15

VELLORE, INDIA

July 2022 – July 2026

TECHNICAL SKILLS

- **LANGUAGES :** Python, C, C++, Java, HTML, CSS, JavaScript, TypeScript, MySQL, PostgreSQL
- **FRAMEWORKS :** ReactJS, NextJS, Prisma ORM, TailwindCSS, NodeJS, ExpressJS
- **DEVOPS :** Git, Github, Postman, REST APIs

PROFESSIONAL EXPERIENCE

RESERVE BANK INNOVATION HUB (RBIH)

Web Developer, Internship

REMOTE

June 2024 – July 2024

- Conducted in-depth research on various financial calculators and terms, developed financial calculators with visualizers to enhance financial literacy among new users and address common issues.
- Designed the calculators and created financial calculators and visualizers using **ReactJS**.

PROJECTS

BLOGSPHERE

- A blog management platform with seamless CRUD operations and user authentication using **Next.js, TypeScript, Prisma ORM and Clerk**. Implemented an intuitive user interface and efficient database interactions.
- <https://github.com/Nitesh-04/blogSphere>

COMPLAINT MANAGEMENT SYSTEM

- Developed a **full-stack** Complaint Management System to streamline the grievance redressal process.
- Users can submit complaints through a user-friendly interface (HTML, CSS, JS) and track their progress on a secure backend built with Express.js and PostgreSQL.
- <https://github.com/Nitesh-04/complaint-portal>

WEATHER ML

- 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.
- <https://github.com/Nitesh-04/ML-weather-prediction>

ORGANISATIONS

ASSOCIATION FOR COMPUTING MACHINERY (ACM-VIT)

Senior Core Committee Member

VELLORE, INDIA

May 2023 – Present

- **Part of the organising team** of the event Reverse Coding, where participants were presented with problem outputs, prompting them to collectively reverse-engineer and identify the code solutions.
- **Contributed to the web development team**, notably, I contributed to the building of the website for the Reverse Coding event using **Next.js and shadcn/ui**, facilitating participation for **over 700 attendees**.
- Facilitated the onboarding of new junior core members.
- Managed and **maintained** a fullstack web project in **NextJS** designed to facilitate last-minute exam preparation.

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

CERTIFICATIONS

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