

ADITI SAXENA

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EDUCATION

Vellore Institute of Technology, Vellore
B.Tech Computer Science - CGPA - 9.4

Aug 2023 – July 2027
Vellore, India

TECHNICAL SKILLS

Languages: Python, Java, C, C++, JavaScript, SQL, R, Go

Frontend Technologies: HTML, CSS, React, Next.js, Typescript, Astro, shadcn, Axios, TailwindCSS, Zustand

Technologies/Frameworks: Node.js, ExpressJS, MongoDB, Mongoose, Prisma, Go Fiber, PostgreSQL

Coursework: Data Structures and Algorithms, Advanced Algorithms, Cryptography, Machine Learning,

PROJECTS

Mental-Health WebApp [↗](#) | [Next.js](#), [Typescript](#), [Zustand](#), [shadcn](#), [Go Fiber](#)

March 2025

- Built a web app for VIT Vellore's Ladies' Hostel, enabling 8,000 residents to log mental health concerns and complaints, while streamlining interactions between wardens and counselors.

CSI-Accounts [↗](#) | [GoLang](#), [Next.js](#)

Feb 2025

- Architecting a custom OAuth solution to streamline authentication for 3,000+ users across CSI and VIT events, enhancing security and user experience .

DevSOC'25 Portal [↗](#) | [Next.js](#), [Typescript](#), [Zustand](#), [shadcn](#)

Jan 2025

- Developed a dynamic portal to support 1500+ participants in team formation, project collaboration, and streamlined submission handling during a large-scale hackathon.

Analysis of KDD-99 Dataset [↗](#) | [Scikit-learn](#), [pandas](#), [Numpy](#)

Nov 2024

- Preprocessed data using Isolation Forests and Decision Tress for a well equipped Network Intrusion Detection System to increase the accuracy up to 99% .

EXPERIENCE

LoadMinds AI [↗](#)

March 2025 –

Full Stack Developer

Remote

- Developing a logistics web application independently using React 19 and Azure backend, enabling 15+ clients to manage operations exceeding \$20,000 in value.

SENTINELGUARD AI [↗](#)

Nov 2024 –

Co-Founder

Vellore, TamilNadu

- Developing an algorithm that leverages advanced data analytics , machine learning algorithms and deception technologies for real-time cyber attack simulations, enhancing threat detection accuracy by at least 30%.

EXTRACURRICULAR

CodeChef-VIT– Senior Core

March 2024 –

- Built 5+ ML and frontend projects, mentored 70+ juniors in cybersecurity, authored tech blogs, and co-hosted DevSoc with 1500+ participants.

Computer Society of India-VIT– Senior Core

March 2024 –

- Developed full-stack features and ML models, including for ForkThis'24 at Gravitas VIT, an event with 800+ participants.

ACHIEVEMENTS

• Finished Top 10 in a Machine Learning Hackathon by IIT Kanpur among 1800 participants. Regulated a highly skewed TB Dataset to accurately predict tuberculosis infected patients.

• Contributed in making a hack-portal for one of India's biggest hackathon-DevSoc'25 by CodeChef VIT

CERTIFICATIONS

• Machine Learning - Stanford (Coursera)

• Introduction to Frontend - Meta (Coursera)