

ADITI SAXENA

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EDUCATION

College Name

B.Tech Computer Science - **CGPA - 9.4**

Aug 2023 – July 2027

Vellore, India

Delhi Public School

CBSE - Science - **Percentage - 94%**

April 2021 – April 2023

Bengaluru, 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, Machine Learning, Mongoose, Prisma, PostgreSQL

PROJECTS

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

March 2025

- A WebApp designed for the Office of the ladies Hostel - VIT Vellore, it should help the ladies put in their mental health needs and log complaints (if any).

CSI-Accounts [🔗](#) | GoLang, Nextjs

Feb 2025

- Designing a custom O-Auth solution that will streamline over 3,000 individual user interactions during CSI and VIT events;

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

Jan 2025

- Made Portal to host over 1500 participants to make teams and append submissions.

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

Nov 2024

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

EXPERIENCE

SENTINELGUARDAI [🔗](#)

Nov 2024 –

Co-Founder

Vellore, TamilNadu

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

BHAI [🔗](#)

June 2024 – July 2024

Marketing Intern

Remote

- Developed a marketing and scaling plan for an EdTech platform to reach 10,000+ students and boost exam readiness by 25%.

JolEnergy

Jan 2024 – Feb 2024

Marketing Intern

Remote

- Analyzed 50+ competitors and developed strategies to scale the Lithium-Ion Battery Recycling Startup's market reach by 30%.

EXTRACURRICULAR

CodeChef-VIT

March 2024 -

Junior Core

Remote

- Develop frontend projects, engineer machine learning models, mentor juniors through cybersecurity sessions, and author technical blogs.

CSI-VIT

March 2024 -

Junior Core

Remote

- Work on Frontend and Backend development while creating machine learning models, including those used for ForkThis'24 at Gravitas VIT participated by over 800 people.

CERTIFICATIONS

- Machine Learning - Online Stanford
- Introduction to Frontend - Meta