

Sivasangar A

+91 9500317685 | sivasangar.anantha@gmail.com | linkedin.com/in/Sivasangar-a | github.com/sivasangar2006

EDUCATION

Vellore Institute of Technology, Vellore

Vellore, TN

Bachelors in Technology in Computer Science and Engineering

CGPA : 8.87

2023 – 2022

Sri Chaitanya Techno School

Coimbatore, TN

12th CBSE 92.6%

2021 – 2023

EXPERIENCE

Web Developer

Mar 2024 – Present

RoboVITics – the official robotics club of VIT

Vellore, TN

- Contributed to multiple technical workshops and events, including acting as a speaker for the **WebGL segment** during the Machine Design workshop at **Gravitas 2024**.
- Played a key role in backend and frontend development for club projects and event websites, leveraging technologies such as Firebase, JavaScript, and React.
- Collaborated with cross-functional teams to build and maintain internal tools, including event registration platforms and project dashboards.

Web Development Intern

Jun 2025 – Jul 2025

Sai Techno Solutions

Coimbatore, TN

- Developed and maintained RESTful APIs using **Node.js** and **Express**, focusing on clean architecture and modular design.
- Worked closely with senior developers and mentors, deepening knowledge in web technologies, security integration, and scalable architecture.
- Participated in daily stand-ups and sprint planning sessions, gaining experience with **Agile methodologies** and **version control** via Git.
- Designed and Built a Demand Management Analysis Dashboard for a Client Project in Tableau

PROJECTS

RideLynk | VIT Vellore

Jan 2025 – Present

- Developed a web platform enabling students to find and connect with others traveling to the same destination, facilitating cost-effective **cab-sharing** across the VIT community.
- Implemented user authentication and real-time location matching using **JavaScript**, **Node.js**, and **MongoDB**.
- Prioritized student safety by allowing ride confirmation only through **verified VIT emails**.

Network Intrusion Detection System | VIT Vellore

Sep 2024 – Nov 2024

- Developed a NIDS using Suricata
- Utilised ElasticSearch, Filebeat, Kibana and Evebox for dynamic and static visualisation
- Implemented rule-sets and a custom rule to sniff packets on the Home-Net
- Staged Penetration Tests to Check Events that Trigger Alerts
- Created Video Demo and Presentation to showcase results

Musical Mood Classification | VIT Vellore

Apr 2025 – Present

- Developing a Mood Classification Engine for Songs
- Analysed various datasets for Songs and their clips from various genres
- Selected a set of features and performed rudimentary data analysis on the variation of the clips on the same

TECHNICAL SKILLS

Languages: C/C++, Python, Java, Javascript

Frameworks: Spring Boot, Node.js, React, Next.js

Developer Tools: Git, VS Code, Suricata

Databases : MongoDB, SQL