

# SRIVATS AV AUSWIN

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## EDUCATION

### Chennai Institute of Technology

Bachelor of Engineering in Computer Science with specialization in Cyber Security [CGPA - 8.7]

Chennai, India

2022 – 2026

## EXPERIENCE

### Google Summer of Code (FOSSASIA)

SDE Intern/Contributor

May 2024 – November 2024

- Integrated Eventyay with the check-in app and multiple plugins, improving event management efficiency by 40% across events.
- Developed the Exhibitor Plugin, enabling over 10,000 attendees to manage leads and perform lead scanning at large events.
- Designed APIs for badge and exhibitor plugins, supporting multi-platform functionality and enabling 5,000+ badge prints per day.
- Automated PR verification with GitHub Actions and Netlify, reducing deployment time by 30% and ensuring higher code quality.

### RPZ Enterprises

November 2023 - December 2023

Web Dev Intern

- Optimized application performance by enhancing code efficiency, leading to a 40% reduction in load times and better user experience.
- Developed and deployed automated monitoring tools to identify potential issues, decreasing customer support response time by 25%.
- Implemented SEO strategies and accessibility improvements, resulting in a 15% increase in web traffic and higher user engagement.
- Created a custom testing framework to automate unit and integration tests, increasing code reliability and reducing bugs by 50%.

## PROJECTS

### Doctor API | Python, Azure SDK, Microsoft Graph API, Power BI

- Designed diagnostic tool to monitor Entra/Intune API health, detecting 15+ misconfigs in demo envs via Azure logging/telemetry.
- Built Power BI dashboards to visualize API latency/errors, that can cut the troubleshooting time upto 40% for developer teams.
- Created a Python product to auto-generate Entra SDK authentication guides, that can analyze logs to resolve deployment errors.

### SecureFlow (Real-Time Threat Monitoring and Response System) | Next.js, C#, Azure Sentinel API

- Developed SecureFlow, a real-time monitoring system using Next.js to display live security alerts from Azure Sentinel.
- Integrated automated workflows with Azure Sentinel API, reducing response time to critical incidents by 35%.
- Built a seamless user interface in Next.js for multiple developers to access threat data and security recommendations.

### STAND (Scalable Technology for Automated Networking and Deployments) | Go NextJS NodeJS

- Contributed to a self-hosting FOSS project for on-premise servers with a simple, intuitive web UI and extensive macOS support.
- Created a custom API in Go to fetch and display system specifications, enhancing users' understanding and minimizing errors.
- Designed and developed the frontend in NextJS, integrating it with the API to ensure a seamless and responsive user experience.

### InsightOps (Proactive Monitoring and Analytics Platform) | Python Azure Next.js

- Developed a scalable monitoring platform with Azure and Python, reducing incident resolution time by 35% using automation.
- Built responsive dashboards in Next.js for multiple users, enabling real-time tracking of system health and performance metrics.
- Integrated Azure Sentinel to automate 60% of incident reporting, improving anomaly detection and response times by 30%.

## CERTIFICATIONS

- CISCO** Introduction to CyberSecurity
- Coursera** Fundamentals of UX Design
- Udemy** The Web Developer Boot-camp

## PLATFORMS

- Codechef:** 1574 Peak rating, 2 stars
- Leetcode:** 1562 Peak rating, 400+ problems
- CodeForces:** 943 Max Rating

## TECHNICAL SKILLS

**Languages:** C++, C, Python, Java, JavaScript, C#, SQL, Bash, HTML/CSS, Typescript, Swift

**Tools:** Microsoft Entra, Intune, Sentinel, Purview, Wireshark, Nmap, Azure SDK/API/Library, Jenkins, GitHub Actions

**Technologies:** React, Angular, .NET, Next.js, Node.js, Flask, FastAPI, PostgreSQL, RabbitMQ, Elasticsearch, Kubernetes, Docker

**Developer Tools:** Git, Linux, Windows, Azure, AWS, GCP, Visual Studio Code, Azure DevOps, Vim/Neovim

## ACHIEVEMENTS

**FossHack 2024:** Secured 1st Runner-Up in a hackathon for open source project (STAND) , earning an invitation to the India FOSS Conf.

**Vashisht - IITDM:** Finished as 2nd Runner Up by developing CARA using AI / ML and AR technologies for e-Commerce.

**Smart India Hackathon 2024 :** Finished in the finalist position by developing a publication record management system for universities

**H@CIT (Codethon) :** Reached the finals of a prestigious inter-college programming contest, showcasing strong problem-solving skills.

**ICPC 2024:** Achieved rank 579 in L2 ranklist and secured 2nd position at University level online round by solving 2 problems.

**Google Developer Student Club Connect 2023:** Achieved finalist status among highly skilled competitors, with good commendation.

## VOLUNTEERING

**CCO @ Bitspace:** Led and organized 15+ workshops , hackathons and other technical events attracting over 1000 participants, Managed, maintained and contributed to various projects and handled design and PR decisions for the student led FOSS community

**FOSS United:** Lead Organiser of FossHack 2025 local host edition at CIT and took part in major events like India and Chennai FOSS

**Fossasia:** Active contributor to the Asia's largest and vibrant open source community and attended FOSS SUMMIT 2025

**Workshop Lead - Takshashila'24:** Led a Cyber Security workshop for 200+ students from 30+ Indian colleges at Takshashila -2024.

**Lions Club:** Have organised multiple blood donation camps and had a positive response with over 200 volunteers