

Surya MU

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Education

VIT Chennai

Bachelor of Science in Computer Science (Current CGPA: 8.51 / 10.00)

Expected June 2025
Chennai, Tamilnadu

- **Activities:** Frontend Team of SEDS Antariksh Space Club, Member of Game Development Club

Experience

Center for Development of Advanced Computing (CDAC), Chennai

Full Stack Developer Intern

Nov 2023 – Dec 2023
Chennai, India

- Developed and implemented a Security Information and Event Management (**SIEM**) **Dashboard** to monitor network activities of **over 100 users** using the **ELK Stack**.
- Utilized **Django API** to monitor real-time network events, enhancing security response times and reducing potential threats.
- Contributed to the student repository under the guidance of the CDAC Mentor, ensuring the **dashboard's accessibility** and utility for future students.

Projects

URL Shortener - Zaplink | MERN Stack, JWT, Custom API | [Project Link](#)

- * Created a full-featured URL shortener with custom API endpoints for shortening and retrieving links.
- * Implemented **JWT-based authentication** to ensure secure and user-specific URL tracking.
- * Deployed on a custom .tech domain with real-time click tracking and a complete MERN architecture.

Lost and Found Hub VIT | MERN Stack, Responsive Web Design | [Project Link](#)

- * Developed a centralized lost and found platform for the university to solve a real-world campus issue.
- * Built using the **MERN stack**, with support for responsive layouts across all device screens.
- * Launched with **100+ active users** and developed as a team of three.

SIEM Dashboard | Node.js, Elasticsearch, Django-Apache API, JavaScript/HTML/CSS | [Project Link](#)

- * Contributed to the development of a **security and event management web-tool** that functions as an admin dashboard application.
- * Implemented features to alert changes, display network devices, log history of network details, and log actions of around **50+ active on-premise users**.
- * Served as the final project during my internship at CDAC.

AI-Based Text Summarizer | Hugging Face API, Postman API, CSS, JavaScript, HTML | [Project Link](#)

- * Created an AI-based text summarizer that summarizes text in real-time.
- * Utilized **Hugging Face API** and **Postman API** to efficiently convert text into summaries in seconds.
- * Designed a lightweight web tool using **CSS, JavaScript, and HTML**.

Technical Skills

- **Languages** Javascript, Python
- Technologies:** GitHub, Git, Bootstrap, React, Express.js, Node.js, MongoDB, MySQL, Elasticsearch
- Concepts:** Artificial Intelligence, Operating Systems, Information Systems, API Management, Agile Methodology, Linux
- Certifications:** AWS Cloud Practitioner, Postman API Student Expert, React JS Essentials by Linkedin, Python and OS by Google, Introduction to Git by Google