

Ashok Adithya L

Chennai, India

Phone: +91 9487895160 | Email: ashokadithya2310949@ssn.edu.in | LinkedIn | Github

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering

B.Tech. Information Technology, CGPA: 8.868/10.0

Chennai, India

Aug. 2023 – Present

NSMVPS Higher Secondary School

12th Grade, 569/600

JEE Score: 97.07 Percentile

Karaikudi, India

Jun. 2021 – May. 2023

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, SQL, HTML/CSS

Technologies: Flask, REST APIs, Selenium, Git, GitHub

Course Work: Data Structures, Algorithms, Object-Oriented Programming, Database Management

Soft Skills: Adaptability, Problem Solving, Critical Thinking, Time Management

PROJECTS

SOP & LOR Assistance Platform | [GitHub](#)

Feb. 2024 – Oct. 2024

- **Tech Stack:** MongoDB, Express.js, React.js, Node.js
- Designed and implemented a secure MERN platform for students to connect with experts and get help with SOPs, LORs, and resumes. Integrated Google OAuth for authentication and implemented well-structured backend APIs.
- Enabled real-time collaboration using Socket.io to allow experts to chat, review drafts, and share revisions instantly. Designed a user-friendly interface to enhance navigation and expert-student interaction.

Workflow Automation Platform | [GitHub](#)

Apr. 2025 – Jun. 2025

- **Tech Stack:** Spring Boot, React, PostgreSQL
- Developed a full-stack workflow automation platform enabling multi-step workflows, modular trigger-action execution with backend orchestration engine, and secure OAuth2-based credential management for services.
- Implemented polling and webhook-based triggers, dynamic frontend workflow builder, and automated token refresh logic for seamless execution.

Job Application Platform | [GitHub](#)

Sept. 2024 – Oct. 2024

- **Tech Stack:** Python Flask, React.js, Oracle DB
- Developed an internship application platform with job scraping from LinkedIn and Glassdoor, with advanced filtering features and persistent storage using Flask and Oracle DB
- Implemented reusable software design patterns and automated updates with cron jobs, enhancing backend scalability.

Route Optimization for Trucks | [GitHub](#)

Jan. 2025 – Mar. 2025

- **Tech Stack:** React Native, FastAPI, MongoDB
- Developed a React Native frontend using Leaflet and OpenStreetMap for intuitive real-time location selection.
- Implemented a FastAPI backend with Travelling Salesman Problem, Dijkstra, and Bellman-Ford algorithms to optimize multi-stop truck routes.

LEADERSHIP / EXTRACURRICULAR

Core Member, SSN Coding Club - Cyber Security

Sept. 2024 – Present

Sri Sivasubramaniya Nadar College of Engineering

Chennai, India

- Collaborated with team leads to organize technical events and workshops.
- Conducted an online computer networking workshop using Cisco Packet Tracer.

CERTIFICATIONS

- Ethical Hacking - IIT Kharagpur
- The Complete 2024 Web Development Bootcamp - Udemy