

EDUCATION

B.Tech(AIDS)	Sri Eshwar College of Engineering	CGPA: 8.51 (upto 3 rd Sem)	2024-2028
HSC	Hope Matric Hr. Sec. School	92.5%	2022-2024
SSLC	Hope Matric Hr. Sec. School	95.2%	2021-2022

PROFESSIONAL EXPERIENCE

Better Tomorrow , System Design

- Applied **LLD principles**: modular services, clean APIs, proper data modeling, and separation of concerns. Dec 2025
- Participated in **HLD discussions**: components, request flow, scalability, and reliability trade-offs.
- **Designed maintainable REST service architectures considering real-world production constraints.**

PROJECTS

MCP Servers (Model-Context-Protocol)

[Live Link](#)

Tech Stack: *TypeScript , Express, Python*

Sep 2025

- Engineered **5+ MCP integration servers** connecting Wayback, Pinterest, Unipile, and Omniseach to automate high-availability AI workflows.
- Built a **modular, low-latency architecture** reducing integration time by **50%** and routing delays by **30%**.

AI-Powered Document Analyzer

[Live Link](#)

Tech Stack: *Pinecone Vector Database, LangChain RAG Pipeline, Fastapi*

Nov 2025

- Built a RAG-based system (LangChain + Gemini + Pinecone) for semantic document analysis.
- Developed scalable React + FastAPI architecture with real-time queries, voice input, and optimized performance (95+ Lighthouse, 100+ users).

VAERIYAM – Virtual Herbal Garden

[Live Link](#)

Tech Stack: *React, Node.js, Firebase, Three.js, WebXR, Gemini API, Botpress, Tailwind CSS*

Jan 2026

- Built an AI-powered herbal platform with 3D visualization (Three.js) and WebXR-based AR exploration.
- Developed a community forum with real-time posts, reputation system, and admin analytics dashboard.
- Implemented Firebase Auth & Firestore sync, and integrated Sketchfab models for plant interaction.

CODING PROFILES

Leetcode : Solved **430+** problems | Contest Rating: **1923** | Global rank : 30738 | [Sriram](#)

Code Chef : Solved **350+** problems | got **Silver Badge** | [Sriram](#)

SkillRack : Solved **1500+** problems | Rank : **8355** | Received **460+** Bronzes | [Sriram](#)

ACHIEVEMENTS

Winner, Adya AI Hackathon – **₹100,000 prize pool & secured PPO internship.** Sept 2025

Winner in 30 hours KECHACKATHON25 National Level Hackathon. Mar 2025

4th Place in Freshathon, recognized among top finalists for technical innovation. Apr 2025

Completed **Hacktoberfest Open-Source Challenge** with accepted PRs in global OSS projects. Oct 2025

Participated as a contributor in **ECWoC '26**, contributing to project development and code improvements.

CERTIFICATIONS

Mastering Data Structures and Algorithm using C & C++ Udemy May 2025

Python Mastery with generative AI Udemy May 2025

Diploma in Python Fullstack Developer (DFPD) CSC Jan 2025

Certified in C,C++ programming IIT Bombay Dec 2024

SKILLS :

Languages : C,C++,Python,Java

Web Technologies : React,Tailwindcss,Redux,Node,Express,Nextjs,Flask

DataBases : MySQL,MongoDB,Neon(postgreSQL),Firebase,VectorDB

Tools: VSCode,Canva,Excel,Postman,Docker,GitHub,Git,PowerBI,Tableau

Soft Skills : Problem-solving, Teamwork, Communication, Adaptability, Analytical Think