Poovarasan S

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Professional Summary

Information Science undergraduate with strong foundations in Java, C, C++, Python, and SQL. Passionate in building scalable applications, databases, cloud platforms, operating systems, networking concepts, AI/ML, and security. Eager to learn and adapt to emerging technologies while contributing effectively to team goals.

Education

University of Visvesvaraya College of Engineering (UVCE)   *Expected Graduation: June 2026*
B.Tech in Information Science and Engineering
CGPA: 9.13 / 10 (Till 5th Sem)

Skills

Languages: Java, C, C++, Python
Web: HTML, CSS, Javascript, EJS, REST APIs, Node.js, Express.js
Databases: MySQL, MongoDB
Concepts: OOPS, DBMS, Web Development, Machine Learning

Research & Practical Experience

AI/ML Trainee, Marvel UVCE – Bengaluru   *Oct 2023 – Oct 2024*

- Built ML models for predictive analytics using Python.
- Performed testing, debugging, and documentation of ML pipelines.
- Documented and monitored pipeline performance and model metrics.

Projects

Pharmacy Management System

- Solo full-stack DBMS project with features including admin dashboard, stock alerts, invoicing, and email authentication.
- Tech Stack: Node.js, MySQL, EJS, JavaScript, Nodemailer, Multer, Pdfkit.
- GitHub Repo | Live Project

AI Powered Healthcare Assistant

- Developed a full ML pipeline to predict diseases from user symptoms.
- Integrated risk classification, test/medicine recommendation, and X-ray-based pneumonia detection.
- Tech Stack: Torch, Scikit-learn, Streamlit

Certifications & Achievements

- First Place - SecureHack Hackathon (National Level, IEEE)
- Postman API Fundamentals Student Expert
- MongoDB Developer's Toolkit (GeeksforGeeks)

Hobbies

- Participating in coding competitions and hackathons.
- Reading articles related to technology.