Poovarasan S

Bengaluru, Karnataka | poovarasansivakumar2003@gmail.com | +91 6360 44 7896 | LinkedIn | GitHub

Professional Summary

Technically driven engineering student with a strong foundation in Information Science and a passion for developing secure, scalable software systems. Proficient in Java, Python, and SQL, with hands-on experience in backend development and machine learning. Proven ability to deliver real-world applications, take ownership of tasks, and contribute to impactful, customer-focused solutions.

Education

University of Visvesvaraya College of Engineering (UVCE) – B.Tech in Information Science and Engineering
- CGPA: 9.13 / 10 (Till 5th Sem)

Skills

Languages: Java, Python, C, C++
Web: HTML, CSS, Tailwind CSS, REST APIs, Node.js, Express.js, Postman
AI/ML: TensorFlow, PyTorch, Scikit-learn, NumPy, Pandas
Databases: MySQL, MongoDB, Firebase
Concepts: DSA, OOP, Full-stack Web Development, Networking Fundamentals
Operating Systems: Windows, Linux (Ubuntu)

Work Experience

AI/ML Trainee, Marvel UVCE – Bengaluru
- Built ML models for predictive analytics using Python.
- Automated data cleaning and evaluation workflows using Pandas and Scikit-learn.
- Documented and monitored pipeline performance and model metrics.

Projects

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.
- Stack: TensorFlow, Scikit-learn, Flask, Firebase

Mediverse – 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

Certifications & Achievements

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

Hobbies

- Participating in coding competitions and hackathons.
- Solving algorithmic puzzles on platforms like LeetCode.