

RAJARAMAN V

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Profile Summary

Motivated Computer Science and Engineering student with specialization in Python, Java, and Windows desktop application development. Possesses hands-on experience in building system diagnostics and hardware inspection tools. Proficient in designing user-friendly GUI applications using PyQt5, solving Data Structures and Algorithms problems, and developing AI-driven solutions. Holds certifications in GPU Programming and Deep Learning, with demonstrated strengths in problem-solving, leadership, and project execution through academic projects and internship experience.

Education

Saveetha Engineering College, B.E. Computer Science and Engineering (Internet of Things)

- CGPA: 7.69
- Relevant Coursework: Data Structures & Algorithms, OOPs, DBMS, OS, Computer Networks, Data Science, Web Technologies
- Higher Secondary Certificate (HSC): 80.4%

Experience

Cyber Security Intern – Arjun Vision Tech Solutions, Chennai

- Completed 4-week training in fundamentals of Cyber Security

Implant Training – Towards Technology

- Completed training in basic Figma design concepts and UI fundamentals

Projects

SysScan – System Hardware Scanner

- Tool that gathers full CPU, RAM, and storage details to check system health
- Skills: System programming, Hardware inspection, Python

IoT Weather Monitoring System

- Real-time temperature and humidity monitoring with cloud data access
- Skills: IoT, Sensors, Cloud Integration

Technical Skills

- **Languages:** Java, Python, C, SQL
- **Concepts:** DSA, OOP, DBMS
- **Backend/Database:** MySQL, JDBC, CRUD Operations
- **Tools:** Git, MATLAB, VS Code
- **Engineering:** Embedded Systems, Microcontrollers

Soft Skills

- Analytical Thinking
- Problem Solving
- Communication
- Team Collaboration
- Quick Learner

Certifications

- Software Engineering Job Simulation – JP Morgan Chase & Co
- Introduction to Open Source – IBM
- Cloud Foundations – AWS
- Designing CPS with ARM Processor Using Embedded C – L&T EduTech
- GPU Programming - Johns Hopkins University