CHARAN KUMAR A

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Summary

Results-driven Engineering student with expertise in Java, Python, SQL, Data Structures & Algorithms, and Full-Stack Development (React, HTML, CSS, JavaScript). Certified in Oracle Java SE 8 with proven experience in IoT systems, AI-powered applications, and cloud platforms (Azure). Skilled in designing, implementing, and optimizing scalable solutions, with strong problem-solving and collaboration abilities. Seeking to contribute as a Specialist Programmer at Infosys.

Education

Sri Sairam College of Engineering, Bengaluru

B.E. in Electronics & Communication Engineering (ECE), CGPA: 8.4/10   Sept 2021 – June 2025

Skills

Programming: Java, Python, SQL, C, JavaScript, HTML, CSS, React
Core: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), REST APIs
Tools & Platforms: VS Code, Eclipse, MySQL, MATLAB, SAP ERP, Microsoft Azure
Other: Embedded Systems, VLSI Design, Circuit Analysis
Soft Skills: Problem-Solving, Team Collaboration, Communication, Adaptability

Projects

- Accident Detection System (IoT, GSM, GPS)
   Designed and implemented an IoT-based accident detection system integrating GSM & GPS to automate real-time emergency alerts, reducing manual reporting time.
- AI Virtual Doctor (IoT + ML + Chatbot)
   Developed a healthcare prototype integrating IoT sensors, Python ML models, and chatbot   interface to provide real-time diagnostics and patient feedback.
- Job Preparation Website (HTML + CSS + JavaScript)
   Built a web-based platform with authentication, aptitude modules, and technical quizzes using React, SQL, and JavaScript, improving accessibility for job aspirants.

Experience

Intern – Quality Department | Dhoot Transmission Pvt. Ltd.   Feb 2025 – May 2025

- Applied SAP ERP for material management and quality assurance.
- Collaborated with cross-functional teams to optimize production workflows.
- Strengthened practical knowledge of industrial service and process management.

Certifications

- Oracle Java SE 8 Features
- Advanced Java Programming – Oracle
- Basics of Python
- C Programming

Languages

English | Telugu | Tamil | Kannada