Roobak Kumar M

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Summary

A motivated B.Tech student specializing in AI Data Science with a strong foundation in computer science fundamentals. Seeking a Software Development Engineer Internship to leverage skills in C++, Java, and cloud technologies to build scalable and innovative software solutions.

Education

Sri Krishna College of Engineering and Technology — Expected 2027
B.Tech in AI & DS – CGPA: 8.05 — *Coimbatore*

I.V.L Matric Hr. Sec. School — 2023
HSC – Percentage: 92.6% — *Dharmapurai*

Skills

Languages: C++, Java, JavaScript, HTML/CSS, SQL

Core Concepts: Data Structures, Algorithms, DBMS, Computer Networks

Frameworks & Libraries: React.js, Spring Boot (REST API)

Developer Tools Cloud: AWS, Git, Docker

Experience

Artificial Intelligence Intern — June 2024 – June 2024
Codsoft — *Virtual*

- Developed and implemented AI-based solutions during a 4-week intensive virtual internship.
- Collaborated with the team to analyze project requirements and contribute to the design of AI models.
- Gained hands-on experience in the practical application of machine learning concepts.

Data Science Intern (AICTE OIB-SIP Program) — May 2024 – June 2024
Oasis Infobyte — *Virtual*

- Engineered data preprocessing and visualization pipelines for real-time project tasks.
- Implemented and evaluated basic machine learning models to extract insights from datasets.
- Applied data science techniques to solve problems and contribute to project goals.

Projects

Multi-User AR Application — Live Demo
Unity, C#, Photon Engine, AR Foundation — *Collaborative Augmented Reality Experience*

- Developed a collaborative Augmented Reality application for multiple users to interact with shared virtual objects in a real-world environment.
- Implemented real-time synchronization of user positions and object states using Photon Engine for a seamless multi-user experience.

Certifications

- **Cloud & AI:** AWS Cloud Practitioner, Azure Fundamentals (Microsoft), Google AI Essentials, Learning GCP (Infosys)

- **Technical Skills:** Intro to Cybersecurity (Cisco), Big Data Analytics (Infosys Springboard)

- **Programming:** SQL (Basic), Java (Basic), Problem Solving (Basic) (HackerRank)

- **Professional Development:** Developing Soft Skills and Personality (NPTEL)

CLUBS & ACTIVITIES

Technical Quiz Participant <div align="right">March 2024</div>
i-SYM'24 - National Level Technical Symposium <div align="right">*Hindusthan College of Engineering and Technology*</div>

Paper Presentation Participant <div align="right">October 2024</div>
Spectra Genix'24 - National Level Symposium <div align="right">*KGISL Institute of Technology*</div>