

Hariharan R

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PROFESSIONAL SUMMARY

I am a pre-final-year B.Tech Information Technology student specializing in Java-based backend and full-stack development, with practical experience in building end-to-end solutions through real-world projects and internships. I continuously improve my technical skills and actively strengthen my problem-solving abilities and Data Structures & Algorithms through regular practice on coding platforms.

EDUCATION

B.Tech in Information Technology	2023 – Present
Sri Ramakrishna Engineering College, Coimbatore	
CGPA: 7.56 / 10 (till 6th semester)	

TECHNICAL SKILLS

- Programming Languages:** Java, JavaScript, C, Python
- Frontend Technologies:** React.js, Bootstrap, HTML, CSS, Tailwind CSS
- Backend Technologies:** Spring Boot (JPA, REST), Node.js
- Databases:** MySQL, MongoDB
- Tools & IDE:** Git/GitHub, Docker (basic), Postman, Firebase, VS Code ,Eclipse
- Core Competencies:** Data Structures & Algorithms, OOPs, Problem Solving

PROJECTS

TraceCode - Secure Multi-Language Code Execution & Debugging Platform	Ongoing
<ul style="list-style-type: none">Building a full-stack coding platform enabling users to write, run, and debug code using an integrated Monaco Editor.Implementing secure authentication and planning role-based access for individual and campus-level learning environments.Integrating AI-powered error explanations to improve debugging efficiency and learning outcomes.	

Digital Vehicle Access Control & Monitoring System(Intern)	Dec '25
<ul style="list-style-type: none">Developed a real-time vehicle entry-exit and billing system using React.js and Spring Boot.Implemented dashboards and REST APIs for live monitoring and automated hourly charge calculation.	

CharityConnect - Charity Community Platform [Github]	Dec '24 – Feb '25
<ul style="list-style-type: none">Built a MERN-based platform connecting donors with verified NGOs, including secure login using JWT.Implemented messaging, NGO verification, and recommendation features for better user engagement.	

HACKATHONS

Hackathon Participant

Resume Evaluation and Rejection Analysis System

Mar '25

- Developed a hackathon prototype for an AI-based HR Resume Analyzer that evaluates resumes against job requirements and identifies suitability for a role.
- Designed a feedback system to explain resume rejection reasons (skill gaps, experience mismatch, missing keywords), helping candidates understand and improve their resumes.

Hackathon Participant

AI-Based Cattle Breed & Health Assessment System (SIH Project)

Aug '25 – Sep '25

- Trained and optimized MobileNet-based CNN models on Indian cattle and buffalo breed datasets for real-time image classification.
- Implemented image preprocessing, quality filtering, and model deployment pipeline for low-resource rural environments.

INTERNSHIP EXPERIENCE

Techvolt Software Pvt Ltd – Full Stack Development Intern

Dec '25

- Worked on a full-stack web application using React.js and Spring Boot.
- Assisted in backend API development, debugging, and feature implementation.
- Collaborated with team members using GitHub for version control and code reviews.

CERTIFICATIONS

All Certificates: [\[Google Drive Link \]](#)

- Introduction to Industry 4.0 and Industrial Internet of Things – [NPTEL](#)
- Snowpro associate: platform – [SnowFlake \(Global Certificate \)](#)
- MongoDB Basics for Students Training – [12 Skill Badges by MongoDB](#)
- Postman API Fundamentals Student Expert – [Postman](#)
- Rising Star - Technical – [Celonis](#)
- Java Programming – [Infosys Springboard](#)

CODING PLATFORMS

- **LeetCode:** 100+ problems solved (Java) [\[Profile \]](#)
- **HackerRank:** Problem Solving & Java [\[Profile \]](#)
- **SkillRack** [\[Profile \]](#)

EXTRA-CURRICULAR ACTIVITIES

- Active member of NSS (National Service Scheme)

LANGUAGES

- English: Proficient
- Tamil: Native