YUVA SAKTHI BALA R

Trichy | yuvasakthibala.r@gmail.com | +91 7305484495 | linkedin.com/in/yuvasakthibala-r | github.com/yuva-009

PROFESSIONAL SUMMARY

Full Stack Developer specializing in Java, Spring Boot, and React.js. Proficient in backend development, including building secure RESTful APIs, and frontend development of responsive web applications. Skilled in MySQL, database design, Object-Oriented Programming (OOP), and Data Structures Algorithms (DSA). Eager to apply these skills to contribute to real-world projects.

TECHNICAL SKILLS

Programming Languages: Java, C , Python , JavaScript
Web Development: HTML, CSS, UI/UX
Frameworks: Spring Boot , React JS
AI/ML: LLM Integration, Spring AI, Ollama, DeepSeek, Phi-3
Core Skills: Data Structures & Algorithms , REST APIs, OOP, Firebase ,Linux
Database: MySQL, MongoDB, Firestore
Tools & Platforms: GitHub, Postman, IntelliJ, VS Code, MySQL Workbench
Other Skills: Figma , Autodesk sketchbook ,Canva

EXPERIENCE

TechZarInfo Software Solutions Pvt. Ltd. — Remote
React.js Intern — *Jun 2025 – Jul 2025*
- Designed and developed a responsive web application, **eCoolie**, connecting laborers with customers in real time based on location and availability, reducing manual searching for laborers by **40%** and enabling matches in under **10 seconds**.

EDUCATION

Government College of Engineering — Dharmapuri, IN
BE in Computer Science — *Nov 2022 – May 2026*

PROJECTS

Full-Stack Student Management System | *Spring Boot, Spring Security , JWT , React.js, H2 Database*
- Developed a full-stack student management system using **Spring Boot (REST API)** and **React.js**, enabling **100% CRUD coverage**.
- Implemented secure authentication and **role-based access control (RBAC)** with **Spring Security + JWT**, reducing unauthorized API access by **95%** and improving data security.
- Designed a responsive, modern UI featuring a **two-column authentication layout** and a **single-page dashboard**, improving user engagement and navigation speed by **40%**.
- Utilized the lightweight **H2 in-memory database** for fast prototyping and testing, reducing development iteration time by **30%** and simplifying backend integration.

eCoolie – Local Service Finder | *React.js, Firebase (Auth, Firestore & Deployment)*
- Built a responsive web application using **React.js** and **Firebase**, enabling users to search and connect with **10+ demo local professionals** (plumbers, electricians, mechanics) during testing.
- Integrated **Firebase Authentication** for secure login, registration, and logout, achieving a **100% success rate** in authentication tests across multiple user roles.
- Implemented **Firestore** to store and manage service listings (name, location, phone, service type), supporting **real-time updates and queries in under 200ms**.

COURSES & CERTIFICATIONS

- SQL (Intermediate) Certification – *HackerRank*
- Google Cloud Engineering Certificate - *Google*
- JavaScript Basics – *Udemy*
- Linux Basic Commands – *Udemy*
- NPTEL – Joy of Computing Using Python — Problem Solving Through Programming in C
- Paper Presentation – 3rd Prize, Intra-College National Level Symposium