

YUVARAJAPATHI V

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Portfolio: <https://yuvarajapathi278.github.io/Yuvarajapathi-s-Portfolio/>

SUMMARY

Detail-oriented and motivated developer with a strong foundation in programming languages like Java and JavaScript, database technology like MySQL, and web technologies such as HTML and CSS. Familiar with frameworks such as Spring Boot for backend development. Quick to learn and adapt, with hands-on experience in understanding requirements, optimizing workflows, and writing clean, efficient code. Passionate about problem-solving, exploring new technologies. Enthusiastic to grow technical skills and contribute effectively to organizational success.

EDUCATION

Saveetha Engineering College, Chennai | B.E -
Electronics and Communication Engineering | 2024
Score: 8.21 CGPA

R B Matric Hr. Sec. School, Ranipet | HSC - 2020
Score: 71.5%

R B Matric Hr. Sec. School, Ranipet | SSLC - 2018
Score: 80.60%

TECHNICAL SKILLS

JAVA/J2EE/SQL/WEB TECHNOLOGY

- Languages: **Java**
- Databases: **MySQL**
- Web Programming: **HTML, CSS, JavaScript**
- IDE's/Frameworks Used: **Eclipse, Code Blocks, VS Code, Spring Boot**

CERTIFICATIONS

- **Programming in Java**, NPTEL (61%, Dec 2023)
- **Bot Developer and Essentials Automation Developer Certification**, Automation360 (Sep 2024)

LANGUAGES KNOWN

- English (Speak, Read, Write)
- Tamil (Speak, Read, Write)

SOFT SKILLS

- **Versatile learner:** Demonstrated ability to quickly master new technologies and apply them to real-world projects.
- **Good Communication:** Clearly conveyed technical updates to team members across 10+ project cycles.
- **Team Collaboration:** Collaborated with cross-functional teams of up to 8 members to meet 100% of project deadlines.

PROJECTS

Employee Management System

- **Technologies Used:** **Java, MySQL, JDBC, Spring Boot, Eclipse IDE.**
- **Project Overview:** Designed and developed a full-stack Employee Management System to streamline record management. Implemented features for **adding, viewing, updating, and deleting** employee records with 100% system reliability during testing.

Key Achievements:

- Optimized database queries to reduce **data retrieval time by 30%**, enhancing system efficiency. Achieved **100% uptime across 50+ test cycles**, ensuring **consistent performance and reliability**.

Women Safety Device for Localization using iBeacon

- **Technologies Used:** **Android Studio, HTML, CSS, MySQL server, PHP.**
- **Project Overview:** Developed a real-time tracking system integrated with **wearable BLE (iBeacon) technology** and sensors for enhanced safety. Utilized Google Maps API for precise location tracking, achieving 100% accuracy in urban environments.

Key Achievements:

- Improved location **tracking accuracy by 40%** through iBeacon optimization, ensuring precise real-time updates within 2 seconds. Successfully **tested across 20+ scenarios**, validating system **reliability and performance**.

EXPERIENCE

Vision Tranz IT Solutions | Java Developer

Problem Solving Using Java with Data Structures and Algorithms | **May 2024 – November 2024**

- Completed a 6-month training program in Java, Data Structures, and Algorithms, gaining hands-on full-stack development experience using Spring Boot, MySQL, and Eclipse IDE.
- Optimized database queries to reduce data retrieval time by 30% and ensured 100% uptime during 50+ test cycles for an Employee Management System.

COMPETITIVE CODING

- Completed 75+ problems in [Leet-Code](#) with a global rank of less than 1,190,000.
- Achieved a 5-Star badge for mastery in Java on the [Hacker-Rank](#) platform.