YUVARAJAPATHI V

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

SUMMARY

Detail-oriented Web Development Engineer with a passion for building innovative and user-friendly digital experiences. Proficient in HTML, CSS, JavaScript, and object-oriented programming, with experience working with relational databases like MySQL Server. Skilled at translating project requirements into scalable web solutions while collaborating effectively with cross-functional teams. Committed to staying current with industry trends and leveraging new technologies to drive impactful results. Excited to bring creativity, problem-solving expertise, and a growth-focused mindset to a dynamic web development role.

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

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

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
https://github.com/Yuvarajapathi278/Yuvarajapathi-s_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 **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 **performance**.

TRAINING EXPERIENCE

Vision Tranz IT Solutions | Java Developer
Problem Solving Using Java with Data Structures and Algorithms | **June 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.