Ravishankaranarayanan R

Coimbatore, Tamil Nadu - 641030

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Skills

Languages : Java, JavaScript, TypeScript,
Technologies : SQL, HTML , CSS, Node.Js, Express.Js,MySQL
Tools & Concepts : GitHub, Docker, SonarQube, Spring Boot, Hibernate, Sequelize ORM, JDBC, JUnit

Education

Bachelor of Engineering - Electrical and Electronics Engineering	2018–2022
Sree Sakthi Engineering College, Coimbatore.	**8.18 CGPA**
Higher Secondary School Certificate	2016–2018
Keartiman Matric Higher Secondary School, Coimbatore	**79%**
Secondary School Leaving Certificate	2015–2016
Holy Angles Matric Higher Secondary School, Coimbatore	**92%**

Professional Experience

ClearCode Labs Private Limited — **Coimbatore**
Junior Software Developer — Oct 2023 – Present

– Documented API guidelines for front-end developers to ensure clear instructions for interacting with the back-end system, including detailed unit test strategies and test cases, supporting digital transformation initiatives.
– Participated in code reviews to ensure quality, maintainability, and adherence to standards, focusing on unit testing and agile methodologies. Achieved a **30%** reduction in bugs and a **20%** improvement in team efficiency..
– Implemented RESTful APIs for seamless communication between front-end and back-end systems, leveraging micro services architecture for scalability and flexibility as part of the Software Development Life Cycle (SDLC), resulting in a **25%** increase in system performance and a **15%** reduction in development time.
– Optimized queries and maintained the back-end using JavaScript, Java, TypeScript, MySQL, and Sequelize ORM for performance and scalability, accounting for **45%** of responsibilities, while ensuring robust unit test coverage and effective debugging.

Projects

EduSphere 🔗 — Sept 2023

– Implemented CRUD operations with Spring Boot and Java, utilizing RESTful endpoints for database interaction, focusing **95%** on robustness and efficiency, supporting the digital transformation of backend services.
– Designed a robust database schema using MySQL to store student information (name, age, gender, contact details, courses), facilitating communication between front-end and back-end systems. Supported digital transformation processes.
– Tech Stack: Java, HTML, CSS, Spring Boot and MySQL

WeatherWhiz 🔗 — Sept 2023

– WeatherWhiz boasts an impressive accuracy rate of over **85%** in predicting weather conditions, ensuring users can plan their activities with confidence, contributing to digital transformation in weather forecasting.
– Utilized data compression and parallel processing to achieve sub-500ms response times, enhancing user experience and supporting agile methodologies.
– Tech Stack: JavaScript, HTML, CSS.

Course and Certification

JAVA FULL STACK, Bangalore — Oct 2022 – Aug 2023

– Successfully completed an intensive Java Full Stack Development course, covering Java programming, web development, database management, and digital transformation practices. Gained hands-on experience in building full-stack applications using Spring Boot, Hibernate, MySQL, HTML, CSS, and JavaScript, while developing proficiency in core Java, debugging, problem-solving, and agile methodologies through real-world projects and collaborations.