

VIJAYARAGAVAN SELVANAYAGAM

+91 6382365804 vijayaragavankts@gmail.com LinkedIn Portfolio GitHub LeetCode

Experience

Finzly

Aug 2024 – Present

Software Development Engineer I (SDE I)

Chennai, India

- Led Angular migration for 3 large-scale apps from v6 to v18, ensuring zero downtime and 100% backward compatibility.
- Engineered real-time analytics dashboard with Angular and WebSocket connections, serving 1,000+ daily active users with live financial data visualizations
- Built an internal full-stack tool in Angular & Spring Boot to manage configuration properties across environments for DevOps, QA, and Developers.
- Optimized legacy Java and Angular applications through code refactoring and database tuning, achieving 15% faster API response times and 20% reduced server load

Technical Skills

- **Programming Languages:** Java, JavaScript, TypeScript, SQL, HTML5, CSS3
- **Frameworks & Libraries:** Spring Boot, Spring MVC, Spring Security, Angular, React, Node.js, Express.js, Hibernate, Bootstrap
- **Databases:** MySQL, MongoDB, Redis, Spring Data JPA
- **Tools & Platforms:** AWS, Docker, Jenkins, Git, JUnit, Mockito, Postman, WebSocket, REST APIs
- **Concepts:** Microservices, Object-Oriented Programming, Data Structures, Algorithms

Technical Projects

BBC - Electricity Bill Management App

Angular, Spring Boot, MySQL

GitHub

- End-to-end portal for managing bills, partial payments, and discounts with time-sensitive logic.
- Built a creative, responsive UI using Angular and Bootstrap with payment icons and status indicators.
- Automated OTP authentication and PDF generation, reducing manual processing time by 30% and improving data accuracy by 25%

Bite Burst - Food Ordering App

React, Node, MongoDB, Express

GitHub

- Built MERN stack Food Ordering platform with React frontend and Node.js backend, implementing JWT authentication and role-based access control
- Implemented advanced search and filtering using React hooks, reducing product discovery time by 20% and improving user engagement

Rentify - Property Rental Portal

React, NodeJS, MongoDB

GitHub

- Developed property listing platform with React and Node.js, enabling CRUD operations for 50+ property listings
- Automated communication system using EmailJS, sending instant notifications to owners for new inquiries and improving response time by 60%

Achievements

- **Top Performer Award** Recognized for excellence in building an internal application that streamlined configuration property management, resulting in increased operational efficiency by 30%
- **LeetCode:** Max Rating 1795 | Top 9% | 600+ Data Structures and Algorithms problems solved
- **1st Prize in Blind Coding Competition** among 200+ participants, demonstrating exceptional coding skills under time constraints

Education

Dr Mahalingam College of Engineering and Technology

Nov 2020 – Jun 2024

Bachelor of Technology (B.TECH) in Information Technology (CGPA: 9.3/10)

Tamil Nadu, India

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Database Management System, Operating System, Computer Networks, Software Engineering.