Ramprakash Reddy M

Fullstack Developer

SUMMARY

- 4+ years of experience in designing, developing, and deploying robust enterprise applications using Java, Spring Boot for backend development, and React for building dynamic and responsive frontend interfaces.
- Proficient in React, with hands-on experience developing interactive user interfaces using component-based architecture, React Hooks, and state management libraries like Redux.
- Strong front-end development skills with expertise in HTML5, CSS3, and JavaScript, including advanced knowledge of asynchronous programming and modern ES6+ features; skilled in integrating React UIs with RESTful backend services.
- Proficient in Java, with a deep understanding of object-oriented programming, data structures, and algorithms, ensuring the development of highly efficient, well-structured applications.
- Expertise in Spring Boot and Microservices Architecture, with a focus on developing scalable, resilient, and high-performance REST APIs tailored to enterprise needs.
- Advanced experience with Spring Security, Spring Data JPA, and Hibernate, including implementation of secure authentication and authorization mechanisms using JWT and role-based access control.
- Skilled in building and consuming RESTful APIs, with a deep understanding of JSON/XML processing, endpoint design, and performance/security optimization strategies.
- Experienced in working with MySQL and PostgreSQL, including writing optimized SQL queries, ensuring data consistency, and tuning databases for high-performance operations on large datasets.
- Proficient in using Git for version control and AWS EC2 for deploying and managing scalable, cloud-based applications in production environments.
- Strong team player with excellent communication skills, well-versed in Agile methodologies including sprint planning, daily stand-ups, and retrospectives, focused on delivering high-quality, client-oriented software solutions.

TECHNICAL SKILLS

TECHNOLOGIES: Java, SpringBoot, Spring data JPA, Spring Security, Hibernate, Restful API, Microservices, HTML5, CSS, JavaScript, React JS,Docker

Cloud Services: AWS, EC2, S3, SNS

DATABASE: MYSQL, PostgresSQL

PROJECT MANAGEMENT TOOLS: Jira, Trello

Source Control: Git

RECENT PROFESSIONAL EXPERIENCE

Project Name: UserControl
Technologies:
- Java, SpringBoot, Hibernate, Restful API, keycloak, HTML, JavaScript, React JS, MySQL

Description:
- The UserControl project centralizes user management, integrating vital modules for streamlined administration and enhanced access control.
- It offers a comprehensive solution for efficient user management, covering organization, roles, users, and applications within the system.

Responsibilities:
- Developed and maintained RESTful APIs and integrated them with front-end components, ensuring seamless communication between system parts.
- Implemented robust security measures, including authentication and encryption, across both backend and React front-end to safeguard data.
- Optimized Java code and MySQL database operations for performance and efficiency, and enhanced React components for a smoother user experience.
- Deployed applications on AWS, leveraging services for backend stability and React app hosting to ensure high availability and scalability.
- Collaborated in Agile teams, translating UI/UX designs into functional React components and aligning them with backend services.
- Resolved Keycloak integration issues, enabling secure and efficient authentication for both backend and React applications.
- Deployed the application on AWS using EC2 instances, ensuring high availability and scalability.

Project Name: Turbo pro
Technologies:
- Java, SpringBoot, Hibernate, Restful API, AWS, S3, JavaScript, React JS, MySQL

Description:
- Turbo Pro is a comprehensive back-end platform that oversees the entire end-to-end process, from order placement to shipping, including management of sales orders, purchase orders, vendor bills, and customer invoices.
- Users have the capability to access and manage detailed order information, facilitating oversight of multiple orders across different warehouses
- With Turbo Pro, users gain visibility into the entire order lifecycle, enabling seamless monitoring and control over all aspects of warehouse operations and transactions.

Responsibilities:
- Designed, implemented, and maintained high-volume, low-latency Java applications for mission-critical systems.
- Contributed to all phases of Java and Java EE application development, including front-end tasks with HTML, JavaScript, and React.js, ensuring seamless integration with back-end functionality.

- Managed the JavaScript codebase for Turbo Pro, enhancing the order management UI with real-time tracking, data visualization, and integrating Restful APIs using HTML and React.js.
- Developed REST APIs using Java to enable smooth communication between system components, and optimized database interactions with MYSQL to improve performance and data management.
- Implemented email and notification functionalities in Java to improve user communication and system alerts, and strengthened system security by integrating Java Spring Security features to protect against unauthorized access and data breaches.
- Collaborated with cross-functional teams, including product managers, designers, and QA engineers, to understand requirements, prioritize tasks, and deliver high-quality solutions on time.

Project Name: Affitu

Technologies:

- Java, SpringBoot, Hibernate, Spring data JPA, Restful API, HTML, CSS, JavaScript, ReactJs, MySQL

Description:

- Affitu is property management platform where we can give our property unitsdetails like area, price, property images etc.
- In Affitu we can manage four different types of properties like Commercial, residential, pg/hostel, live booking.
- Tenant can book or rent the properties for chosen date in live booking functionality.
- All kinds of payments like expenses, rent and taxes are carried out from both owner and tenant.

Responsibilities:

- Developed REST APIs using Java, Spring Boot, and actively contributed to front-end development with React.js for dynamic, interactive user interfaces.
- Implemented a microservice architecture to reduce code complexity and enhance scalability, while managing front-end tasks with React.js for UI enhancements.
- Integrated the Cashfree payment gateway, ensuring secure and reliable payment processing, and enhancing the overall transaction experience for users.
- Developed and maintained API contracts in JavaScript to ensure seamless data exchange between the backend (Java) and the frontend (React.js).
- Developed and maintained technical documentation (design documents, API specs, user guides) to foster team collaboration and knowledge sharing.
- Actively participated in team meetings, contributing ideas to enhance project understanding and develop effective strategies.