RAVI KUMAR

Software Developer

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SUMMARY

Experienced Java Full Stack Developer with over 3 years of expertise in designing, developing, and maintaining scalable applications. Skilled in building robust REST APIs using Java, Spring Boot, and Microservices Architecture to deliver efficient, modular software solutions. Proficient in front-end development with HTML, CSS, JavaScript and React.js, creating responsive, user-centric interfaces. Strong back-end capabilities, with hands-on experience working with relational databases like MySQL and Oracle. Committed to delivering high-quality, end-to-end solutions that align with business objectives and contribute to organizational success.

SKILLS

- **Programming-Language:** Java, DSA, HTML5, CSS, JavaScript, C Programming, Python
- **Frameworks**: Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Microservices, React.JS, Bootstrap, Tailwind, Angular.
- **Database:** MySQL, Oracle, H2 (Testing)
- **Web Technology:** Restful APIs
- **Tool**: GitHub, Maven
- **Test Automation**: Junit, Mockito
- **Other Technology**: JSP, Servlet, Kafka, AWS, Postman, Docker, Kubernetes, Logging-Tools, Jira, CI/CD, Swagger API, Agile.

WORK EXPERIENCE

Alpha Mind Solution- Software Developer   **September 2022-Present**

- Analyzed user requirements and translated business needs into scalable software solutions using Java, Spring Boot, and Microservices architecture.
- Developed and maintained high-availability enterprise applications, improving system uptime by **20%.**
- Designed and implemented RESTful web services to streamline client-side integration and improve system interoperability.
- Collaborated with cross-functional teams to ensure technical feasibility of stakeholder requirements, enhancing development efficiency.
- Developed and deployed robust firmware for embedded systems, contributing to enhanced hardware-software interaction.
- Utilized tools such as Git, Jira, Docker, and Jenkins for CI/CD and project management.

PROJECTS

EduMart – Online Learning Marketplace   **Aug 2024-Present**

Description

- EduMart is an online learning marketplace that connects students with instructors, offering courses across various domains. The platform enables users to enroll in courses, track progress, and receive certifications. AWS services are utilized for secure content storage and scalable cloud hosting.

Responsibilities

- Developed microservices-based architecture for course management, user authentication, and payment processing.
- Developed RESTful APIs to handle course enrollments, instructor uploads, and user progress tracking.
- Used MySQL to manage structured course and user data efficiently.
- Integrated AWS S3 for secure content storage and EC2 for scalable hosting.
- Designed a responsive UI using React.js, HTML, CSS, and JavaScript for an interactive learning experience.

UniEnroll – University Admission Management System   **May 2023-June 2024**

Description

- UniEnroll is a backend system designed for university admission management, handling student applications, document verification, and admission status tracking. The system ensures secure processing of student records without front-end dependency.

Responsibilities

- Developed backend microservices for student application processing, eligibility verification, and seat allocation.
- Implemented a role-based authentication system using JWT for secure access control for students, administrators, and faculty.
- Built secure REST APIs for integration with university portals and third-party verifiers.
- Optimized MySQL queries and backend performance to handle high volumes during peak admission periods.
- Contributed to reducing admission processing time by 30% through system optimizations.

EDUCATION

- **Graduation** (**Bachelor of Science**) from **Chhatrapati Shahu Ji Maharaj University**, Kanpur in **2023**.
- **Intermediate** from Dr. **C.V. Raman Inter College** U.P Board, in **2020**.
- **High School** from **Sardar Patel Academy High School** U.P. Board in **2018**.

LANGUAGE

- HINDI (Native)
- ENGLISH