KIRAN KUMAR RAVELLA

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Professional Summary:

- Experienced Java Full-Stack Developer with 7 years of hands-on expertise in building and maintaining scalable web applications.
- Proficient in developing robust backend services with **Java and Spring Boot**, ensuring high performance and reliability.
- Skilled in front-end development using **HTML, CSS, JavaScript, and Angular**, creating responsive and user-friendly interfaces.
- Experience in building web applications using various **Spring Framework** features like **Spring IOC, Spring MVC, Spring AOP, Spring Batch, Spring Boot and Spring Security.**
- Experience in developing **Microservices** using **Spring Boot and Node JS** to build more physically separated modular applications which will improve the scalability, Availability, and Agility of applications.
- Experience in using **Java 8** Streams, Lambdas and filters to process Order data.
- **CSS3, JQUERY, AJAX, JSON, DOJO, XSL, XSLT, Node.JS, Angular.JS, Bootstrap, Ext.JS** and **single page applications (SPA)** by using **JavaScript MVC framework, Angular JS.**
- Experience in creating new **React/React-Native** components, containers, services, and APIs for prototypes. Implemented client-side Interface using **React JS**. Experienced in working with **Redux** architecture.
- In-depth knowledge of **RESTful API design** and development, facilitating efficient client-server communication.
- Experience with Cloud Computing Service environments like **Amazon Web Services (AWS), (EC2, EBS, S3 and ELASTIC SEARCH).**
- Strong database management abilities with **MySQL**, including schema design, optimization, and query performance tuning.
- Adept at using version control systems like **Git**, ensuring code integrity and supporting collaborative development efforts.
- Proficient in implementing **continuous integration and deployment (CI/CD) pipelines**, improving code quality and deployment efficiency.
- Experienced with **RDBMS** implementation and development using **Oracle, My SQL, MSSQL and DB2.** Expertise in database modelling and development using **No SQL** Database such as **MongoDB and Cassandra.**
- Experience in developing projects (SDLC) in **Agile** and **Waterfall** methodology.
- Committed to following best practices in security, performance optimization, and code quality to deliver exceptional software solutions.

Skills

Languages	Java 8/7/6, PL/SQL, SQL
Java/J2EE Technologies	Core Java, JMS, Java Beans, JDBC, EJB, Tiles, Design Patterns, RabbitMQ, ActiveMQ.
Frameworks	Spring, Hibernate, Spring Boot.
Web Technologies	HTML5, CSS3, XML, DOM, JSON, JDBC 2.0/3.0, XSLT, JavaScript, JQuery, AJAX, Angular 4/2, React.JS, REDUX, React Native
Web Services/Cloud	AWS (EC2, EBS, S3, Elastic-Search)
Design & GUI Tools	Eclipse, IBM RAD
App servers	IBM Web Sphere, Apache Tomcat, BEA Web Logic, Jboss
Version Controls	SVN, CVS, GitHub
Databases/Tools	Oracle, SQL Server, My-SQL
Methodologies	Agile, Waterfall
Operating Systems	Windows, Linux, UNIX

Professional Experience:

Role: Java Full-Stack Developer
Client: Regions Financial
Location: Birmingham, Alabama, United States
October 2022 – Present

- Involved in analysis, specification, design, implementation and testing phases of **Software Development Life Cycle (SDLC) and used agile methodology (SCRUM)** for developing applications.
- Architected **RESTful** services to facilitate communication between the client side and server side, ensuring efficient data handling and responsiveness.
- Implemented **AWS services (EC2, S3, RDS)** for hosting, storage, and database management, enhancing application scalability and reliability.
- Applied best practices in code management and version control using **Git**, facilitating team collaboration and code quality.
- Employed **Agile methodologies** to drive project management and development, resulting in the timely delivery of high-quality software solutions.
- Optimized web applications for maximum speed and scalability, addressing performance bottlenecks.
- Integrated third-party services and **APIs** to extend application functionality, meeting diverse client needs.

- Conducted thorough unit and integration testing using **JUnit and Mockito**, ensuring robust and error-free code.
- Collaborated closely with **cross-functional teams** to align development efforts with business objectives and user needs.
- Continuously refactored code and updated **software libraries**, ensuring application relevance and adherence to industry standards.
- Provided technical mentorship to junior developers, promoting skill development and best practices within the team.

Role: Java Full-Stack Developer
Client: Cleveland Clinic
Location: Ohio, United States
February 2021 - September 2022

- Developed and maintained web applications utilising **Java, Spring Boot, and Angular,** achieving high client satisfaction.
- Designed and implemented efficient **RESTful APIs**, enabling seamless data exchange and application functionality.
- Configured and managed **AWS cloud infrastructure**, ensuring high availability and fault tolerance of web applications.
- Facilitated database design, development, and optimisation with **MySQL**, enhancing data integrity and performance.
- Implemented responsive web designs using **Bootstrap and Angular**, improving user engagement and accessibility across devices.
- Adopted containerization with **Docker, streamlining application deployment and environment consistency.**
- Engaged in **continuous integration and continuous deployment (CI/CD)** practices using Jenkins, improving development efficiency and code quality.
- Applied security best practices in application development to safeguard against common vulnerabilities.
- experience with encryption techniques, secure coding principles, and vulnerability assessment tools.

Role: Java Full Stack Developer
Client: DICK'S Sporting Goods
Location: Coraopolis, Pennsylvania, United States
July 2019 - January 2021

- Contributed to the development of robust **Java applications**, focusing on backend logic and database interactions.
- Participated in the full software development lifecycle, from requirement analysis to deployment, ensuring adherence to project timelines.

- Assisted in front-end development with **Angular**, creating dynamic and interactive web components.
- Integrated **Spring Security** to enforce authentication and authorization, enhancing application security.
- Utilized **Maven** for project management and build processes, increasing development efficiency.
- Employed **JUnit** for comprehensive testing, achieving high code coverage and reliability.
- Documented **API** endpoints and software architecture, facilitating clear communication and future maintenance.
- Worked within an **Agile environment**, adapting quickly to changing requirements and priorities.
- Provided support and maintenance for existing applications, ensuring high customer satisfaction through timely issue resolution.
- Engaged in code reviews and pair programming sessions, fostering a culture of learning and continuous improvement.

Role: Java Developer
Client: ResMed
Location: Hyderabad, Telangana, India
December 2017 - June 2019

- Actively participated in the development of **Java-based web applications**, gaining valuable hands-on experience in the end-to-end software development process.
- Played a key role in integrating **front-end and back-end components**, contributing to a cohesive and responsive user interface.
- Contributed to the design and implementation of **MySQL databases**, focusing on efficient data storage and retrieval for improved application performance.
- Engaged in team meetings, offering insightful feedback during code reviews to foster a culture of continuous improvement.
- Developed effective **communication and teamwork skills** through collaborative efforts in a dynamic development environment.
- Demonstrated commitment to professional growth by proactively learning and applying **new technologies and frameworks.**
- Collaborated with **cross-functional teams** to identify and troubleshoot issues, gaining practical experience in problem-solving within the **development lifecycle.**
- Assisted in the implementation of **RESTful APIs**, enhancing communication between front-end and back-end systems and improving overall application functionality.