Akhil Reddy
Java Full Stack Developer
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PROFESSIONAL SUMMARY

- Around 4 years of expertise in Java, Software Development Life Cycle, object-oriented programming, developing and testing Client/Server, Enterprise, and Web Applications.
- Proficient in SDLC, Agile, and Waterfall methodologies, ensuring a structured and flexible approach to software development.
- Well-versed in leveraging Java technologies, such as Spring Boot and Hibernate, to build scalable and HIPAA-compliant software solutions.
- Good command of SQL, and Java 8 for backend development, and Typescript, JavaScript, and HTML/CSS for frontend development.
- Proficient in configuring and deploying Apache Tomcat and AWS applications for optimal performance and scalability.
- Skilled in implementing stringent security protocols and adhering to healthcare regulatory standards, ensuring data privacy and integrity throughout the development lifecycle.
- Excellent in designing and developing of frontend side using JavaScript, HTML, CSS3, and Angular.js.
- Expertise in managing both relational (MYSQL) and NoSQL databases, ensuring data integrity and efficient data retrieval.

SKILLS

Methodology: SDLC, Agile, Waterfall.
Language: SQL, Core Java, Java 8.
Frameworks/Libraries: Spring MVC, Hibernate, Spring Boot, Microservices, Node JS, Spring Security, React JS, Angular.
IDEs: Visual Studio Code, NetBeans, IntelliJ IDEA, Android Studio.
J2EE Technologies: Servlets, JSP, JavaBeans, JDBC.
Web Technologies: HTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, JSON, Typescript, and XML.
Application Server: Apache Tomcat, AWS.
Databases: MYSQL, NoSQL.
Build/Other Tools: UML, MS Visio, Maven, Gradle, JUnit, Jenkins, Git, GitHub, Jira, Trello.
Operating System: Windows, Linux.

EDUCATION

Master of Science in Computer Science | Kennesaw State University, GA   **Dec 2022**
Bachelor of Engineering in Information Technology | Sathyabama University, India   **Aug 2018**

WORK HISTORY

Java Full Stack Developer | HCA Healthcare, USA   Jan 2023 - Current

- Improving project delivery timelines by 20% through active participation in Scrum/Kanban processes, ensuring timely project deliveries and alignment with sprint planning in Agile methodologies.
- Ensure frontend-backend communication efficiency by developing clean and organized code using the Spring MVC framework, resulting in a 30% reduction in frontend-backend integration time.
- Implementing Microservices using Spring Boot, Spring Cloud, and Spring Microservices, and enabled the discovery.
- Developing and maintaining Java-based healthcare applications, ensuring compliance with industry standards such as HIPAA regulations for data security and privacy.
- Achieve seamless data binding between HTML5 and JavaScript objects using Angular.JS, reducing data handling complexities by 25% in frontend development.
- Managing user sessions and authentication in Servlets, ensuring secure and personalized user experiences.
- Using Angular.JS to develop the component for the application team, Spring MVC to consume REST API, and JavaScript, CSS3, and JQuery to display the data in the front end and Used Bootstrap Angular.JS and Node.JS in effective web design.
- Configuring and managing auto-scaling groups on AWS to handle increased traffic and ensure high availability.
- Optimizing MYSQL queries and indexes to ensure fast data retrieval and minimize database load.
- Conduct regular security audits and vulnerability assessments to maintain the integrity of healthcare data and prevent potential breaches.

Jr. Java Full Stack Developer | Polaris, India   Aug 2018 - July 2021

- Led or participated in Waterfall projects, following a sequential approach to software development, including requirements analysis, design, implementation, testing, and deployment.
- Built microservices in Java and node.js as per REST architecture to meet inventory management requirements and order procurement. Worked with HTTP packages to handle JSON data. Maintained CI/CD pipeline using Jenkins
- Improved database operations efficiency by 30% through the integration of Hibernate ORM, optimizing data access and reducing query execution times.
- Enhanced frontend performance by 25% through the development of responsive and interactive user interfaces using React.js, improving user experience and engagement.
- Designed and implemented RESTful APIs using Spring and Node.js, facilitating data communication and integration with frontend components.
- Established database connectivity using JDBC, enabling data retrieval and manipulation within Java applications while maintaining data integrity.
- Improved user interaction by 30% using jQuery, while also streamlining Ajax requests for efficient data retrieval.
- Ensured server stability and security by performing routine maintenance, updates, and security patches on Apache Tomcat and AWS server instances, resulting in 15% fewer service disruptions.
- Utilized NoSQL databases such as MongoDB or Cassandra to store and manage unstructured or semi-structured data.

CERTIFICATIONS

AWS Certified Solutions Architect
Associate Validation Number: B9JWZJ029MEE12S1