NEERAJ REDDY

Software Engineer | Full Stack Developer | Software Developer

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SUMMARY

Accomplished Software Engineer with over 4+ years of experience in Java and Spring framework application development. Driving enhancements in scalability and performance through expertise in microservices and cloud technologies. Demonstrated success in optimizing deployment processes and data management using Docker, Kubernetes, and Apache Kafka, resulting in significant operational efficiencies. Adept in Agile methodologies, fostering cross-functional collaboration to deliver high-quality solutions. Committed to leveraging best practices and continuous learning to innovate and excel in software development.

PROFILE SYNOPSIS

- Proficient in java application development, specializing in Java, Spring Boot, and RESTful APIs, with hands-on experience in microservices architecture.
- Extensive expertise across the software development lifecycle, managing the design, development, testing, deployment, and maintenance of secure, high-performance Java-based applications for complex enterprise systems.
- Strong command of core Java concepts, including OOP principles, multithreading, exception handling, collections, and concurrency utilities.
- Skilled in various J2EE technologies, such as JSP, Servlets, Hibernate, Spring MVC, and Spring Security, along with web services.
- Extensive experience in cloud technologies, specializing in AWS and WCNP, to optimize infrastructure costs while maintaining high availability and performance levels.
- Skilled in developing responsive front-end applications with HTML, CSS, and modern JavaScript frameworks, enhancing user engagement and accessibility.
- Solid expertise in database management, including MySQL, MSSQL, and NoSQL solutions like Cassandra, emphasizing query optimization and performance enhancement.
- Proficient in applying DevOps methodologies, including the implementation of CI/CD pipelines and containerization with Docker and Kubernetes, to improve development workflows and ensure reliable deployments.
- Well-versed in Agile methodologies and project management tools such as Jira, effectively enhancing team productivity and optimizing project delivery timelines.

TECHNICAL SKILLS

- **Languages:**	Java, Python, C, Shell scripting
- **Java/J2EE Technologies:**	J2EE, JSP, jQuery, Spring Boot, Spring MVC, Spring Framework, Spring Data, Hibernate
- **Web Technologies:**	HTML5, CSS3, JavaScript, AngularJS (TypeScript), Nodejs
- **Web Application Servers:**	Tomcat, Microservices (SOAP, REST)
- **Cloud Platforms:**	AWS, S3, Azure, WCNP, Oneops
- **Databases:**	Oracle, Cassandra, Azure Cosmos, GCP, MS SQL, Mongo DB
- **CI/CD:**	DevOps, Jenkins, GitLab
- **Testing Tools:**	Postman, Selenium, Junit, Cucumber Framework
- **Version Control:**	Git, GitHub,
- **Operating Systems:**	Linux, Unix, Windows 10
- **IDEs:**	Eclipse, Visual Studio, IntelliJ IDEA
- **Containerization & Orchestration:**	Docker, Kubernetes
- **Project Management:**	Agile, Scrum, Waterfall model, Software Development Life Cycle (SDLC)
- **Others:**	Test Driven Development (TDD), Grafana, Maven, Splunk, Kafka

WORK EXPERIENCE

Walmart, Arkansas, USA

Software Engineer   November 2023 - Present

IT Skills Displayed: Java, Spring Boot, Spring MVC, Spring Tool Suite, Spring IOC, Spring Security, HTML5, CSS3, AJAX, JSON, RESTful APIs, Micro Services, Cassandra, Hibernate, JPA, JDBC, slack bot, PowerShell, custom apps, lenses, wcnp, oneops, Agile Methodology, Offset Explorer, FileZilla, Spring Boot, Apache Kafka, GIT, Maven, JIRA, GCP, Cucumber Framework, Automation Testing

Responsibilities:

- Pioneered the deployment of components into containers on Walmart Cloud Native Platform (WCNP), showcasing expertise in Kubernetes (K8) dashboard and Slack integration, improving deployment efficiency by 20%.
- Spearheaded the upgrade from CentOS to Ubuntu 21.01 on OneOps cloud, enhancing OS performance and security by 25%.
- Analyzed data flow and component status using Kafka producers and consumers, optimizing data processing time by 15%.
- Leveraged Docker and Kubernetes for efficient microservice-based application deployment, improving scalability, reliability, and resource efficiency by 15%.
- Created SQL-based data quality scripts to validate data loads, ensuring 99% data accuracy.
- Developed RESTful web services using Java, optimizing data transmission in JSON format and increasing data transfer efficiency by 20%.
- Proficient in API design, development, and integration, enhancing system-to-system communication, improving integration efficiency by 35%.
- Integrated and customized Slack channels, automating tasks through unique Slack bots, improving operational efficiency by 15% and optimizing team collaboration.
- Configured and administered cloud infrastructure, actively participating in fault management, reducing downtime by 25% and enhancing overall cloud reliability.
- Implemented test case scenarios with Cucumber framework for data validation, proficient in Jenkins for automating test reports, improving testing efficiency by 20%.
- Resolved production issues in the early phases of the project, adhering to Agile methodology, ensuring a 30% faster resolution time for critical issues.
- Facilitated closely with cross-functional teams, fostering communication and alignment between developers, product managers, and stakeholders, which resulted in a 20% improvement in overall project efficiency and streamlined workflow processes.

American Airlines, Arizona, USA

Software Engineer   January 2023 - October 2023

IT Skills Displayed: Java 1.8, J2EE, JavaScript, Node.js, HTML5, CSS3, Bootstrap, JavaScript, Spring Boot, Spring MVC, Hibernate, RESTful APIs, MS SQL, Git, Cosmos DB, Microsoft Azure, AWS, Azure Functions, Application Insights, Jenkins, Kubernetes, Scrum, Postman, Maven, Gradle, Apache Tomcat, Microservices

Responsibilities:

- Developed a robust Airlines Crew Management System utilizing Java and Spring framework, improving operational workflows and increasing efficiency by 30%.
- Crafted and delivered highly responsive user interfaces using HTML, CSS and Bootstrap, improving user engagement by 25% and ensuring consistent user experiences across multiple devices, significantly boosting usability and accessibility.
- Optimized data access by utilizing Hibernate and JDBC, enhancing SQL query performance and improving data processing speed by 20%.
- Integrated Kafka to facilitate real-time data streaming, improving data analysis processes by 35% and establishing scalable, fault-tolerant data pipelines.
- Executed client-side scripting with 96% accuracy, focusing on API-level interactions. Demonstrated expertise in Postman and Java Spring Boot to send requests, analyze responses, and troubleshoot API issues.
- Designed a microservices-based architecture, facilitating seamless deployment on AWS, improving deployment flexibility by 40% and enhancing system scalability.
- Provisioned and managed instances on Amazon EC2 (AWS), deploying applications with a highly reliable and scalable cloud infrastructure, increasing system uptime by 35%.
- Deployed static and dynamic applications using AWS services like Elastic Beanstalk and Elastic Container Service (ECS) with Docker, accelerating deployment speed by 30%, improving scalability, and enhancing reliability across diverse environments.

- Established a CI/CD pipeline using Docker, Jenkins and GitHub, streamlining the software delivery process, improving release speed by 50%, and maintaining 95% uptime through rapid issue resolution.
- Collaborated within a 7-member development team using Agile methodology, contributing to the design and implementation of key features, which improved team productivity by 25% and ensured timely project delivery through effective coordination, task delegation and regular sprint reviews.

SHC Technologies, Telangana, IN
Software Developer   March 2020 - July 2021
IT Skills Displayed: Java, J2EE, HTML, XML, CSS, JSP, Bootstrap, JavaScript, Ajax, Spring Framework, Jira, JUnit, Git, AngularJS, Angular Reactive Forms, jQuery, DB2, JSON, XML, API, Node.js Mailer, SDLC methodologies
Responsibilities:
- Specialized in designing and integrating APIs, facilitating live features like meeting room creation, sending notifications via Node.js mailer, enabling video calls, and utilizing multiple Node.js modules, enhancing application efficiency by 40%.
- Led the development of user interfaces, leveraging Java-based technologies to enhance user experience by 35%.
- Handled merchant integration and conducted comprehensive market analysis, utilizing Microsoft Excel for data processing, Python for automation and R for statistical analysis and visualization, resulting in a 45% increase in overall productivity.
- Contributed to testing and quality assurance, ensuring websites and applications met functional and performance standards, enhancing system reliability by 30%.
- Responsible for writing code documentation, creating user guides, and providing progress updates to leadership, while expertise in Java helped reduce project delivery time by 25%.
- Key contributor in an 11-member team, playing an integral role in building a social app that enabled real-time user interactions, boosting engagement by 50%.

Dev App Solutions, Telangana, IN
Application Developer   May 2019 - February 2020
IT Skills Displayed: Java 8, Ehcache 3.0, Chart.js 2.1, Java EE, Spring Security 5.2, JPA, Apache Kafka
Responsibilities:
- Engineered end-to-end solutions for both front-end and back-end development in the Smart Farming project, leveraging sensor data for monitoring soil health.
- Focused on web application development, increasing overall system performance by 45% through efficient data processing and application optimization.
- Partnered with domain specialists to define and implement complex business rules for the Smart Farming platform, ensuring accurate calculations and insightful soil health analysis.
- Employed Java-based caching techniques to minimize database calls and enhance data retrieval speed, improving user experience by 40%.
- Incorporated data visualization components into the Java application, allowing users to easily identify patterns in soil health metrics.
- Established secure user authentication along with role-based access control, enhancing system security by 35% and ensuring the protection of sensitive data.

EDUCATION   Certificates:
Master of Science in Computer Science   JAVA AND SPRING FRAMEWORK FOR BEGINNERS
University of Central Missouri (January 2022 - May 2023)   INTRODUCTION TO CYBER SECURITY
Bachelor of Technology in Computer Science & Technology   INTRODUCTION TO SQL
ICFAI University (August 2017 - May 2021)