

Nagendra Reddy Koppula.

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SUMMARY:

- With over **3 years** of experience in **software development**, expert in designing and delivering scalable, reliable enterprise applications across **frontend and backend technologies**. Skilled in mentoring developers, and streamlining processes, I thrive in multi-cloud, microservices, and full-stack environments. Committed to continuous learning, I consistently adopt new tools and technologies to drive high-quality software solutions.
- Good Communication, Presentation, Decision Making Skills, Understanding Customer Requirements, Good Team player and always tries to lead the team with good efficient output.

PRIMARY SKILLS:

Java, Spring Boot, Microservices, REST APIs, Cloud Technologies (Azure), Full-Stack Development (JSF, Angular, React.js, Spring Boot).

SOFT SKILLS:

Collaboration , Communication, Team Player, Presentation , Quick Learner

PROFESSIONAL EXPERIENCE:

SOFTWARE ENGINEER BCBS , Detroit, MI, USA	<i>Aug 2023 – Present</i>
<ul style="list-style-type: none">• Developed Robust backend services using Kotlin, Java, and Python scripting, integrating third-party APIs with PostgreSQL for seamless operation, ensuring system scalability, performance, and security for global financial transactions.• Invoked external APIs for data retrieval and integration, streamlining communication with multiple systems while optimizing data flows.• Collaborated with the product team to implement new features, enhance data flows for secure transaction handling, and participating in sprints and troubleshooting critical issues to maintain project momentum.• Developed a Single Page Application (SPA) using Angular 11, Node.js, and NgRx for state management, optimizing API performance with Redis caching and ensuring seamless backend communication via Spring Boot microservices.• Created reusable custom directives, filters, and services for Angular and Bootstrap components, improving development efficiency and modularity across the application.• Integrated Okta for secure user authentication and implemented Redis cache for enhanced performance in a cloud-based environment.• Automated CI/CD pipelines using Jenkins, Docker, and GitLab, reducing deployment times by 30%, and contributed to the API development using SOAP and RESTful services.• Developed WebSphere Portlets and handled Inter-Portlet Communication (IPC) using JSF, while integrating Spring RESTful services and DTO/DAO patterns for seamless data flow.• Conducted code reviews, and testing using JUnit, Mockito and TestNG, ensuring high-quality deliverables, while automating builds with Maven and Jenkins for smooth deployments.	
JAVA/J2EE DEVELOPER BeyondScale - Hyderabad, India	<i>Dec 2020 – Dec 2022</i>
<ul style="list-style-type: none">• Developed middleware and persistence layers using Spring and Hibernate frameworks, building RESTful services with Spring Boot, while transitioning the architecture from monolithic to microservices.• Integrated Spring Security for authentication and authorization, improving overall system security, and established JSON contracts for communication between JavaScript pages and Java backend services.• Developed web services using SOAP, WSDLs, and RESTful services, and created web-based applications utilizing React.js and Node.js for enhanced user interaction.• Built Jenkins jobs for automated builds and deployment in various test environments (Function Integration and Acceptance), while implementing a CI/D pipeline using Docker, Jenkins, and GitHub.• Established database connectivity using JDBC, Hibernate ORM, and Spring Data for CURD operations on MongoDB and MySQL, and improved data access efficiency with Spring DAO.• Gathered and analysed the requirements and converted them into User Requirement Specifications and Functional Requirement Specifications for the designers and developers to understand them as per their perspective.• Developed UI components using JSF with Primefaces and enhanced user experience through Ajax-based features.• Coding the configurator using the T1\T3 template provided by the USA & Belarus team.	

- Developed interactive user interfaces using **JSF**, **Richfaces**, **HTML5**, **CSS3**, and **JavaScript**, delivering mobile-responsive pages.
- Implemented **MVC architecture** using **Spring Web MVC** and the automation of builds using **Maven** and **Jenkins**.
- Responsible for developing use cases, class and sequence diagram for the modules using **UML** and **Rational Rose**.

CORE SKILLS & TECHNOLOGIES:

Languages: Java, Python, C, C++ , TypeScript, JavaScript, Kotlin.

Frameworks: Spring Boot, JDBC, Hibernate, Struts, JSF, Angular, React js, Node.js, Primefaces, Richfaces

Web Services: REST, SOAP, JAX-RS, JAX-WS

Cloud & DevOps: Azure, AWS, Kubernetes, Docker, Jenkins

Databases: Oracle, DB2, MySQL, MongoDB, Redis

Tools: Git, GitHub, GitLab, Bitbucket, JIRA, Postman, Swagger, Junit, Mockito, Maven, VSCode, Eclipse, Rational Application Developer(RAD).

Web & Application Servers: JBOSS, Apache Tomcat, WebLogic, WebSphere 8.0, WebSphere Liberty Profile

EDUCATION:

Masters in **Computer Science** from Kent State University.

Bachelor's Degree in **Electronics and Communication Engineering** from BIHER, India.