**Sathvika Pothula**

**Java Developer**

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**Summary**

Results-driven Associate Java Developer with hands-on experience in developing, testing, and maintaining Java-based software applications. Skilled in back-end and front-end development, microservices architecture, and database management. Proficient in building responsive web interfaces using Angular and Vue.js and implementing RESTful APIs. Strong problem-solving skills in data structures and algorithms, with a keen interest in UI/UX design to enhance user experiences.

**Technical Skills**

* **Programming Languages:** Java, JavaScript, Kotlin
* **Front-End Technologies:** HTML4/HTML5, CSS3, JavaScript, Angular , jQuery
* **Back-End Technologies:** Node.js, Spring Boot, Microservices Architecture
* **Web Services:** SOAP, RESTful APIs
* **Microservices:** Spring Cloud, Docker, Apache Kafka
* **Data Structures & Algorithms:** Problem-solving, Algorithm Optimization, Sorting & Searching, Graphs, Trees.
* **IDEs:** Eclipse, NetBeans
* **Build Tools:** Maven
* **Version Control & Collaboration:** Git, GitHub, Bitbucket
* **Databases:** MySQL
* **Testing & Debugging:** JUnit, Selenium, Postman

**Professional Experience**

**Java Developer**

**Cotiviti Pvt. Ltd., India** Mar 2022 to Feb 2023

* Contributed to developing and optimizing Customer Management Systems (CMS) using Java and Spring Boot, focusing on backend functionalities and implementing RESTful APIs.
* Engaged in database management, including designing database schemas and writing SQL queries for data retrieval and manipulation.
* Developed front-end components using HTML, CSS, and implemented responsive design principles to improve user experience.
* Implemented datavalidation and DTO mappings using Kotlin’s data classes and Jackson/Kotlinx.serialization.
* Implemented microservices architecture to enhance the scalability and resilience of applications. Designed and deployed microservices using Spring Boot, enabling independent scaling, improved fault tolerance, and easier maintenance of distributed systems.
* Developed and maintained service orchestration and communication between microservices using tools like Spring Cloud and Apache Kafka, ensuring efficient data flow and robust inter-service communication.

**Academic Projects**

**Design and Implementation of a Network Security System** Mar 2023

* Designed and implemented a network security system using firewalls, intrusion detection systems (IDS), and virtual private networks (VPNs). Focused on securing the network environment against external and internal threats.
* Key Skills: Network Security, Firewall Configuration, IDS/IPS, VPN Setup.

**Customer Relationship Management (CRM) System** Sep 2023

* Designed a CRM system for managing customer interactions, sales tracking, and marketing campaigns.
* Key Components: Java Enterprise Edition (Java EE) for backend services, JSP/Servlets for the web interface, and Apache Tomcat as the server.

**Software Development Project Management** July 2024

* Managed a software development project using Agile methodologies, overseeing the entire project lifecycle from requirement gathering to delivery.
* Key Skills: Agile Methodology, Scrum, Project Lifecycle Management, Change Management.

**Education**

* **Master of Science, Campbellsville University,** Kentucky, USA 03/2023 - 10/2024

**Major**: Information Technology and Management (ITM)

* **Bachelor of Technology, JNTUH,** Hyderabad, India06/2017 - 09/2021

**Major**: Electronics and Communication Engineering (ECE)

**Certifications**

* **Learning Angular** | LinkedIn | Issued May 2022
* **JavaScript Essential Training** | LinkedIn | Issued May 2022
* **PostgreSQL | SQL Developer** |Simplilearn | Issued Nov 2023