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 data validation 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, India   06/2017 - 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