**Ramya Sri Simhadri**

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**Objective:**

A highly motivated and dedicated recent graduate with a Master's degree in Computer Science, specializing in Fullstack Java development with expertise in React, Docker, Kubernetes, and AWS. Eager to contribute my skills and knowledge to a dynamic team and take on challenging projects in the field of software development.

**Education:**

Master of Science in Computer Science  
Liverpool John Moores University, Liverpool, United Kingdom  
March 2023

**Technical Skills:**

* Programming Languages: Java, JavaScript
* Web Development: React, HTML, CSS
* Backend Frameworks: Microservices, Spring Boot
* Build Tools: Maven
* REST API Design and Implementation
* Testing: JUnit
* DevOps: Docker, Kubernetes
* Cloud Platforms: Amazon Web Services (AWS)
* Version Control: Git
* Database Management: MySQL, PostgreSQL
* IDEs: IntelliJ IDEA, Visual Studio Code
* Agile Development: Scrum

**Projects:**

1. **Book My Movie - Microservices Application**

Developed a comprehensive movie booking platform using React for the front end and Java Spring Boot for the backend. Implemented microservices architecture using Eureka for service discovery and load balancing. Demonstrated proficiency in building resilient and scalable applications.

1. **Hotel Room Booking API - Microservice Architecture**

Created a hotel room booking API with Java Spring Boot, allowing users to search for available rooms and make reservations. Utilized microservices principles with Eureka for service registration and discovery. Integrated PostgreSQL database for data persistence.

1. **Doctor Consultation App - Fullstack Application**

Designed and developed a doctor consultation application with React for the frontend and Java Spring Boot for the backend. Enabled patients to book appointments, consult with doctors via video calls, and receive prescriptions digitally. Implemented real-time updates for appointment scheduling.

**Achievements:**

* Successfully published a research paper on "Challenges in Requirement Gathering for Agile Software Development" in ACM Digital Library, June 2023.