

Kiran Sai Madhuri Ragu

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Open to: Onsite/Hybrid/Relocate/Remote in USA

Boca Raton, Florida

EDUCATION

Florida Atlantic University, Boca Raton, FL, USA

Master of Science in Computer Science

Expected Graduation May 2025

GPA: 3.7/4.0

Vishnu Institute of Technology, Bhimavaram, AP, India

Bachelor of Science in Computer Science and Engineering

July 2022

TECHNICAL SKILLS

Languages: Core Java, Advanced Java, HTML, CSS, JavaScript.

Architecture: Microservices, Bootstrap.

Frameworks: Spring Boot, Angular, React.

Databases: MySQL.

IDEs: Microsoft Visual Studio, Eclipse IDE, IntelliJ.

Version Control: GitHub.

Courses: Data Structures & Algorithms, Software Engineering, Programming Languages.

WORK EXPERIENCE

Software Engineer

July 2022 – July 2023

Persistent Systems, Hyderabad, India

- Implemented a comprehensive testing framework for Amazon Web Services (AWS) APIs using IntelliJ IDE, storing test results in AWS Cloud for efficient monitoring and analysis.
- Troubleshoot and resolved code errors, ensuring seamless functionality with AWS services like DynamoDB and CloudWatch.

Intern Software Engineer

Feb 2022 – June 2022

Persistent Systems, Hyderabad, India

- Developed an Intern Allocation System using Java and Spring Boot to automate the allocation of interns to different departments, increasing efficiency by 30%.
- Designed and implemented RESTful APIs to manage intern data and department allocations, ensuring smooth client-server communication.
- Created dynamic, responsive front-end interfaces using HTML, CSS, and JavaScript to provide an intuitive user experience.
- Collaborated with senior engineers to deploy the system, integrating it with the company's internal tools.
- Tech Stack: Java, Spring Boot, REST APIs, MySQL, HTML, CSS, JavaScript.

PROJECTS

Teaching Assistant Management System

- Led the design and implementation of a TA Management System to streamline the process of recruiting, evaluating, and managing Teaching Assistants.
- Tech Stack: Java, MySQL, HTML, CSS, JavaScript.

Full-Stack eCommerce Web Application with Microservices

- Developed an eCommerce website using a microservices architecture, leveraging Spring Boot for the backend and Angular for the frontend, showcasing features like product management, user authentication, and order processing.
- Integrated RESTful APIs for seamless client-server communication, and utilized MySQL for database management.
- Deployed the application using Docker and Kubernetes for containerization and orchestration, ensuring scalability and efficient resource management.
- Tech Stack: Angular, Java, Spring Boot, MySQL, Docker, Kubernetes, REST APIs, HTML, CSS, JavaScript.

CERTIFICATIONS

Microsoft Certified: Azure Fundamentals