

RACHANA ANGARA

Full Stack Developer

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Tempe, Arizona

SUMMARY

Proficient in multiple programming languages, including Java, Python, JavaScript, and ReactJS specializing in full-stack development. A track record of successfully managing intricate design projects, optimizing processes by applying agile approaches, producing high-caliber software solutions, and working well with cross-functional teams. Strong dedication to lifelong learning and staying current with emerging trends and technologies in the business.

EDUCATION

Master's Degree in Software Engineering

2024 - Present

Arizona State University, Tempe

CGPA – 3.33 / 4

Bachelor of Technology Degree in Computer Engineering

2017 - 2021

MKSSS's Cummins College Of Engineering For Women, Pune

CGPA – 7.27 / 10

EXPERIENCE

Barclays Global Service Centre

Static Analysis with Sonarqube

- Enhanced code coverage for multiple backend components, achieving significant improvements quickly. Used SonarQube to enforce coding standards and identify code smells.

Front-End Developer

- Designed and implemented responsive user interfaces using React, conducted unit testing with React Testing Library, Enzyme, and Jest, and collaborated with designers and developers to create interactive web applications. Optimized performance with techniques like code splitting and lazy loading, integrated RESTful APIs for dynamic content and participated in Agile processes to ensure timely delivery of software solutions.

User Acceptance Testing

- Implemented automated acceptance tests with Cucumber and Gherkin for backend systems, integrated them into CI/CD pipelines using Jenkins, and mentored team members on BDD principles and best practices

Back-End Developer

- Implemented automated acceptance tests with Cucumber and Gherkin for backend systems, integrated them into CI/CD pipelines using Jenkins, and mentored team members on BDD principles and best practices to enhance collaboration and quality.
- Demonstrated expertise in developing and maintaining backend systems using Spring Boot, implementing RESTful APIs for seamless integration, and leveraging Spring MVC and Spring Data JPA for efficient request handling and database operations. Ensured application security by incorporating Spring Security and focused on optimizing performance for scalable solutions.
- Played a key role in integrating CI/CD pipelines to streamline deployment processes and collaborated within Agile teams to deliver high-quality, scalable software solutions aligned with project timelines and business objectives.

PROJECTS

Agile Sprint Simulator

- Developed an interactive Scrum Board Simulator to train users on Agile practices.
- The application allows users to assume roles like Scrum Master, Product Owner, or Development Team to simulate real-world Scrum scenarios.
- Features include backlog management, sprint parameter configuration, work effort estimation, blocker resolution, and spike activities.
- Integrated advanced functionalities like probability configuration for blockers and simulation state management.
- Designed as a robust educational tool for decision-making and understanding the impact of Agile principles in software development.

TECHNICAL SKILLS

Programming Language: C++, Java, Python

Boot, Spring MVC

Database management: MySQL, DB2

Collaboration Tools: JIRA, Git

Kubernetes, Gradle

Unit Testing Frameworks: Mockito, Mockito-Inline, Power-mockito and Reflection Utils

Web Frameworks: Spring, Spring

CI/CD Tools: Jenkins

Cloud Services and Build tool:

AWARDS AND ACCOMPLISHMENTS

- Awarded Code Ninja of the month (June 2023), for quickly adapting and implementing new technologies.
- Received the highest rating at the year-end review (two times in a row).
- Showcased leadership role by leading a team to organize monthly events at the director level.
- Dedicated volunteer at Blue Cross Society Pune, contributing to the welfare of animals and supporting community initiatives for animal rights and welfare.