

RACHANA ANGARA

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SUMMARY

I am pursuing a master's in software engineering at ASU and seeking an internship to apply my expertise in full-stack development. I am a passionate and results-driven software developer with a strong foundation in front-end and back-end development. Proficient in technologies like React, Java, Spring Boot, and RESTful APIs, I specialize in building responsive and scalable applications. With a dedication to continuous learning and innovation, I strive to develop high-quality solutions that enhance user experiences and drive business success.

EDUCATION

Arizona State University

Aug 2024 – May 2026

Master of Science in Software Engineering GPA 3.33

MKSSS's Cummins College Of Engineering For Women, Pune, India

Aug 2017 – June 2021

Bachelor of Technology in Information Technology GPA 7.27

PROFESSIONAL EXPERIENCE

Barclays Global Service Centre, Pune, India

Full Stack Developer

- Improved code coverage for backend components using SonarQube to enforce coding standards and detect code smells.
- Developed responsive UIs with React, optimizing performance through code splitting and lazy loading, conducting unit testing with React Testing Library, Enzyme, and Jest, and integrating RESTful APIs.
- Implemented automated acceptance tests with Cucumber and Gherkin, integrated them into CI/CD pipelines via Jenkins, and mentored team members on BDD principles.
- Developed and maintained backend systems using Spring Boot, implementing RESTful APIs, leveraging Spring MVC and Spring Data JPA, and ensuring security with Spring Security.
- Integrated CI/CD pipelines to streamline deployments and collaborated within Agile teams to deliver scalable, high-quality software solutions.

PROJECTS

- FinTrack WebApp –
 - A **Spring Boot & MySQL**-based expense tracker with secure authentication, CRUD operations, and an intuitive Thymeleaf & Bootstrap UI for seamless financial management.
- Health Fitness Mobile App –
 - A **Java, Hibernate & React**-based responsive fitness tracking website featuring programs, dashboards, and memberships, showcasing front-end skills in DOM manipulation and dynamic UI.
- VeriFace Security –
 - A **Python**-based facial recognition system using OpenCV & machine learning to identify suspects via real-time face detection and criminal profile matching.
- Scrum Simulator –
 - A **Java & Gradle**-based Agile Sprint Simulator for backlog management, task prioritization, and sprint planning, optimized for Agile training and education.
- ArtTrack –
 - A **React & Flask**-powered art organization tool using semantic web tech (OWL, RDF, SPARQL) to link artworks, artists, and styles, designed for museums and researchers.

TECHNICAL SKILLS

Language: C++, Java, Python, React, Javascript, Typescript, HTML, CSS

Web Frameworks: Spring, Spring Boot, Spring MVC, Flask, Django

Database management and tools: MySQL, DB2, Git, JIRA, Jenkins, Openshift, Gradle

Testing Frameworks: Mockito, Mockito-Inline, Power-mockito, Reflection Utils, Junit 5, Unittest, Jest, Enzyme, React Testing Library

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.