

RANJITH NALLA

Michigan, United States

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Summary

Software Engineer skilled in agile methodologies and web development, with extensive experience in designing and implementing scalable, compliance-focused applications. Demonstrated ability to integrate APIs, manage databases, and utilize frameworks like Angular and tools such as SQL and AWS to optimize performance and improve user satisfaction. Proven collaborator adept at navigating complex regulatory requirements and delivering robust solutions that meet diverse business needs.

Technical Skills

- **Languages:** Java, Python, SQL, ABAP Programming, Object Oriented Programming, Agile Methodology
- **Developer Tools:** MySQL, Tableau, GIT, Selenium
- **Frameworks & Technologies:** Spring Boot, Angular, JUnit
- **Web Development:** Web Development
- **Cloud & Integration:** API Integration, AWS Cloud Platform, Database Management

Experience

Central Michigan University

Jan 2024 - Present

Graduate Assistant

Mount Pleasant, MI

- Facilitated learning and ensured student comprehension by grading assignments for 20 students enrolled in Professor Javad's Database Management Systems (DBMS) course, leveraging core database management principles.
- Cultivated a supportive learning environment by dedicating 5 hours weekly during office hours, resulting in increased student engagement and improved academic performance.
- Provided prompt feedback on foundational DBMS concepts to address knowledge gaps and enhance understanding for at least 15 students per week.

CGI Inc.

Sep 2021 - Jul 2023

Software Engineer

Bangalore, IN

- Collaborated with software development and testing teams to design and implement robust solutions that consistently met client requirements for functionality, scalability, and performance, applying web development and API integration best practices.
- Contributed to over 26 Agile Sprints, reinforcing agile development methodologies and promoting efficient iterative enhancements.
- Developed and implemented development best practices that reduced defect rates by 5% while enhancing overall solution quality.
- Maintained clear communication and proactively addressed development concerns, resulting in a 2% increase in customer satisfaction.

Education

Central Michigan University

Aug 2023 - May 2025

MS, Information Systems

- **GPA:** 4.0
- **Coursework:** Data Structures, Low level Design, Algorithm Analysis, Database Management, Software Development, Data Analytics

Osmania University

Aug 2017 - May 2021

BE, Electronics & Communications

Projects

Human Resource Management (HRM) Self-Services

Jul 2023

- Architected and developed up to 30 high-performance Web APIs and implemented scalable Java Microservices using Springboot.
- Provided technical expertise to colleagues on over 20+ Angular development tasks.
- Leveraged expertise in GIT, Jira, Confluence, Postman, DeBeaver, and other backend technologies to optimize development workflows and foster stronger collaboration.
- Utilized both SQL and NoSQL databases to address diverse project requirements, ensuring efficient data management.

GRILL - Food Delivery Web App

Dec 2021

- Spearheaded the development of a full-stack food delivery web application (GRILL) utilizing Java microservices and Angular within a condensed timeframe of 4 weeks (average 4 hours/day).
- Designed and Implemented 8 robust REST APIs utilizing Spring Boot framework to drive functionalities within the GRILL application.
- Leveraged Angular and Javascript to create 5 user-friendly UIs, fostering an intuitive frontend experience for the GRILL.

ACHIEVEMENTS

Stand out Performer

- Awarded by CGI for exceeding expectations in back-end development during Q4 2022.