

Ranjith Reddy Nalla

Mount Pleasant, Michigan

+1 (989) 506-6861 | ranjith.nalla8@gmail.com | [LinkedIn](#) | [Github](#)

PROFESSIONAL SUMMARY

Full Stack Developer with 3+ years of experience in designing and developing scalable applications using **Java, Spring Boot, and microservices architecture**. Proficient in **Java, SQL, AWS, Kafka, and Docker**, with expertise in **REST API development and database optimization**. Strong background in **front-end and back-end integration**, ensuring seamless performance. Passionate about delivering efficient solutions using **Agile methodologies**, with a keen interest in **cloud technologies and DevOps practices**. Recognized for excellence in backend development and problem-solving.

TECHNICAL SKILLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, ABAP Programming

Frameworks: Spring Boot, JUnit, Selenium, Spring, Maven, Angular, React

Developer Tools: AWS, Git, Kafka, Docker, IntelliJ, Eclipse, VS Code, JIRA, Agile Methodologies

Core Skills: Data Structures & Algorithms, Databases (DBMS), Low-Level Design

EXPERIENCE

Graduate Research Assistant

Jan 2024 – Dec 2024

Central Michigan University

Mt. Pleasant, MI

- Graded assignments for 80 students in Professor Norouzi's Database Management Systems (DBMS) course, ensuring timely feedback and accurate assessment on topics such as SQL query optimization, indexing, and normalization.
- Conducted 5 hours of weekly office hours, assisting students with complex database concepts, including ACID transactions, indexing strategies, and query performance tuning.
- Provided detailed explanations of core DBMS and system design principles, bridging knowledge gaps for 15+ students weekly by covering relational schema design, denormalization trade-offs, caching mechanisms, and scalability techniques.

Software Engineer

Sep 2021 – July 2023

CGI

Bangalore, India

- Designed and developed 30+ REST APIs using Spring Boot, integrating with AWS services and Kafka for real-time data processing, streamlining system integration and enhancing operational efficiency.
- Collaborated in 26+ Agile Sprints using JIRA to track development tasks, contributing to iterative development and delivering high-quality solutions.
- Implemented best practices in Spring Security for authentication and authorization, reducing defect rates by 5% and improving code reliability.
- Maintained transparent communication with stakeholders, resolving issues promptly while optimizing deployment through Dockerization, increasing customer satisfaction by 2%.

PROJECTS

Human Resource Management Self-Services | *Java, Spring Boot*

July 2023

- Designed and developed 30 high-performance Web APIs using Spring Boot, integrating AWS services and Kafka for scalable and real-time data processing.
- Provided technical expertise for 20+ Angular development tasks, ensuring seamless frontend-backend integration while managing tasks efficiently in JIRA.
- Utilized SQL and NoSQL databases for efficient and scalable data management, implementing Spring Security for secure authentication and leveraging Dockerization for streamlined deployment.

Book My Show | *Java, Spring Boot, REST APIs*

Jan 2025

- Engineered 10 robust REST APIs to facilitate seamless user sign-up, sign-in, movie ticket booking, and additional core functionalities, supporting scalability for 1,000+ active users.
- Implemented comprehensive JWT Authentication filter to secure all 10 API endpoints, ensuring data integrity and user privacy across the platform.
- Optimized database queries, reducing API response time by 30% and improving system performance.

GRILL – Food Delivery Web App | *Java, Spring Boot, Angular*

Dec 2021

- Developed a full-stack food delivery application within 4 weeks, leveraging Java microservices and Angular, implementing Spring Security with JWT authentication and password hashing for secure user management.
- Designed and implemented 8 robust REST APIs using the Spring Boot framework to drive core functionalities, ensuring scalability through containerization and optimizing performance with load balancing.

EDUCATION

Central Michigan University

MS in Information Systems, Minor in SAP

Mt. Pleasant, MI

Aug. 2023 – May 2025

Scaler Academy

Specialized in Software Development & Problem Solving

Remote

May 2022 – Dec 2023

Osmania University

Bachelor of Technology

Hyderabad, India

Aug. 2017 – May 2021

ACHIEVEMENTS

Stand out Performer

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

December 2022

CGI