

LOURDU ROHITH REDDY GALI

Farmers Branch, Texas • 414-509-9392 • rohith.reddy045@gmail.com • LinkedIn • Website

EDUCATION

University Of Wisconsin-Milwaukee

January 2022 - December 2023

Master of Science in Computer Science

Milwaukee, Wisconsin

EXPERIENCE

Walmart - Frontend Full Stack Developer

February 2024 – Present

React, Node JS, GraphQL, JavaScript, Jest, Splunk, Azure, Kubernetes, Git, Figma

Farmers Branch, Texas

- Engineered modern single-page applications (SPAs) using the React framework and integrated GraphQL APIs for efficient data fetching and management.
- Migrated 20+ Node JS APIs to GraphQL which included authentication flows like sign-up, sign-in, OTP generation, validation, and password management, and consolidated 6 Node JS APIs into a single GraphQL mutation for OTP generation, improving maintainability and reducing complexity.
- Implemented MFA with GraphQL mutations and onboarded over 200,000 users while reducing fraud, and also put up a dashboard in Splunk to track and resolve more than 10 OTP-related errors.
- Wrote test cases for all resolvers using Jest, achieving 100% code coverage, ensuring code quality and reducing future regressions.
- Actively participated in Agile meetings, documented APIs and versioned code using Git (100+ branches, 500+ commits) for smooth teamwork.

University Of Wisconsin Milwaukee - Web Developer & Teaching Assistant

February 2022 – December 2023

Angular, AWS, Azure, Git

Milwaukee, Wisconsin

- Developed a course selection website using Angular with reusable components and improved page load speed by 20%.
- Upgraded Angular 9 to 14, including the best practices in a way that increased code maintainability and made sure of pixel-perfect delivery of UI with 98% matching.
- Empowered student success in Cloud computing assignments by facilitating targeted Q&A sessions and providing constructive feedback that led to a 10% gain in understanding.

Walking Tree Technologies - Senior Software Engineer

August 2018 – December 2021

Angular, Node JS, Express, Prime NG, NGRX, RXJS, AWS, PostgreSQL, Git

Hyderabad, India

- Architected and built feature rich web apps using HTML5, CSS, Angular (6-14), and Bootstrap. Crafted 50+ scalable APIs (Node.js & Express) for seamless data exchange.
 - Optimized application performance by 25% through lazy loading implementation in Angular, utilizing Router modules for efficient navigation.
 - Accelerated development by 30% through the creation of reusable components using Angular Material, and Prime NG, integrating NGRX for efficient state management. Achieved robust data sharing across components using the RXJS library and observables.
 - Developed a cost-effective serverless Angular application with 15% faster development time, deployed over 10+ scalable APIs on AWS API Gateway for seamless user interaction, and implemented performance-optimized PostgreSQL procedures that increased database efficiency by 25%.
 - Maintained a flawless deployment record (100%) on modern cloud infrastructure and ensured high application uptime through efficient debugging (Chrome Developer Tools).
-

ACADEMIC PROJECTS

Movie Recommendation Tool

Python, Flask, Git

- Translated a research article on collaborative filtering into a practical implementation, developing a personalized movie recommendation system using Python and Flask. Leveraged cosine similarity and k-nearest neighbors for the user.

Double Insertion Sort

Java, Eclipse, Git

- Enhanced traditional insertion sort by processing two elements simultaneously for improved efficiency.
-

TECHNICAL SKILLS

- Programming Languages:** Angular, React, Node JS, Express, GraphQL, JavaScript, Java, HTML, CSS, TypeScript.
- Other Technologies:** AWS, Azure, MySQL, PostgreSQL, Git, Agile, Mac OS X, Windows 7/8/10, Google Maps, D3 JS, Visual Studio, Eclipse, Chrome/IE developer tools, Jira, Asana, Figma, Adobe.