LOURDU ROHITH REDDY GALI

Farmers Branch, Texas • 414-509-9392 • rohith.reddy044@gmail.com • LinkedIn • Website

EDUCATION

University Of Wisconsin-Milwaukee   January 2022 - December 2023
Master of Science in Computer Science   Milwaukee, Wisconsin

Jawaharlal Nehru Technological University, Hyderabad   August 2014 - May 2018
Bachelor of Technology in Mechanical Engineering   Hyderabad, Wisconsin

EXPERIENCE

Fidelity Investments – *Frontend Developer*   October 2024 – Present
Angular, Node JS, AWS, Jenkins, Git, Splunk   Westlake, Texas

- Efficiently modernized applications by upgrading to **Angular** 18 and integrating the latest **Apex Kit** component library, enhancing functionality and performance.
- Effectively carried out the **rehydration deployment** of 3 applications to production, ensuring seamless updates and system stability.
- Leveraged **Jenkins** to automate code deployments to staging environments, ensuring efficient and reliable **CI/CD** workflows.
- Engaged in **requirement** discussion sessions for the teen account graduation flow, providing insights and perspectives that contributed to an improved outcome.

Athena Tech - *Frontend Full Stack Developer*   March 2024 – October 2024
Angular, Node JS, Graphql, JavaScript, Jest, Splunk, Azure, Kubernetes, Git, Figma   Farmers Branch, Texas

- Engineered modern single-page applications (SPAs) using the **Angular** framework, improving loading times by 40% and enhancing user engagement metrics by integrating **GraphQL** APIs for real-time data management and efficient fetching.
- Transitioned legacy **Node.js** APIs to a streamlined GraphQL architecture, integrating vital **authentication** processes, this effort improved response time by 40%, enabling faster customer interactions and enhancing user satisfaction across the platform.
- Created reusable, strongly typed **TypeScript** components and services for consuming **REST APIs**, handling them **asynchronously** with **Promises**, **callbacks**, and **Observables**, utilizing Angular 12's architecture.
- Developed a comprehensive dashboard in **Splunk** to monitor and resolve over 10 OTP related errors, improving response times by 50% and ensuring seamless user access to services without interruption.
- Implemented **multi-factor authentication** (MFA) using GraphQL mutations, onboarding over 200,000 users while reducing fraud incidents by 40%, enhancing overall security and user trust in the platform.
- Crafted comprehensive **test cases** for all resolvers and components using **Jest** and **Jasmine**, achieving a remarkable 100% code coverage.
- Orchestrated comprehensive documentation of 25+ **APIs** and established version control protocols with **Git**.
- Restructured a robust **CI/CD** framework utilizing Walmart Cloud Native Platform (WCNP) within Kubernetes, achieving a 40% reduction in deployment time; the system now supports automated deployment for over 10 micr oservices across multiple environments.
- Utilized various front-end development tools, including **Webpack**, **Grunt**, **Gulp**, and **NPM** to significantly minify build size and improve project efficiency by 15%.

University Of Wisconsin Milwaukee – *Student Help*   February 2022 – December 2023
Angular, AWS, Azure, Git   Milwaukee, Wisconsin

- Architected an innovative course selection platform with **Angular** that streamlined the user interface, resulting in 1,000+ unique course selections processed monthly.
- Led the transition of the **Angular UI** library from version **9** to **14**, integrating **modern coding standards** and practices and refined development processes, enabling a 50% faster deployment cycle and reducing maintenance time significantly.

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 deployed feature-rich web applications using **HTML5**, **CSS**, **Angular** (6-14), and **Bootstrap**; constructed over 50 scalable APIs with **Node.js** and **Express**, driving a 40% increase in data retrieval efficiency.
- Spearheaded the integration of **lazy loading** in Angular, optimizing application load times by reducing initial rendering time by 40%.
- Accelerated development by 30% by creating 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%.

ACADEMIC PROJECTS

Double Insertion Sort

Java, Eclipse, Git

- Enhanced traditional Insertion Sort by implementing a **Double Insertion Sort algorithm**, leading to a 33% average-case speed improvement and 50% worst-case speed improvement.

TECHNICAL SKILLS

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