

Purna Mopidevi

Senior Frontend Developer

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Profile

Angular Front-End Developer with 3+ years of hands-on experience in building responsive web applications. Proficient in utilizing the Angular framework to create interactive user interfaces and optimize user experience. Seeking to leverage my expertise in front-end development for large-scale applications.

Skills

HTML5, CSS, JavaScript, TypeScript, Angular, RxJS, NgRx, AG Grid, Angular Material, Bootstrap, SQL, Git, AWS S3, SonarQube, CI/CD Pipeline, React, PL/SQL.

Employment History

Specialist Programmer at Infosys, Hyderabad

September 2021 – Present

Working for a leading American multinational technology company specializing in manufacturing consumer electronics and related software and services.

Commodity-Generic: A web application designed to onboard various commodities from all regions and generate forecasted values based on demand and allocation for different parts suppliers.

- Implemented Component Store for reactive state management, using RxJS to handle asynchronous data calls and events, which improved user engagement by 20%.
- Leveraged auth Guards to implement secure routes based on user access levels, resulting in restricting unauthorized access and improving user satisfaction ratings.
- Implemented a data download feature for large datasets using file compression with the XLSX library, reduced file size by 60%.
- Enhanced application performance by utilizing Web Worker to handle complex UI computations, which improved performance by 40-80%.
- Optimized the application through lazy loading, reducing app load time by 25%.
- Established robust CI/CD pipelines with the DevOps team, reducing deployment times by 40% and minimizing production issues by 25%, significantly improving overall software release efficiency and reliability.
- Configured WildFly servers on UNIX systems by using fundamental commands.
- Demonstrated excellent client relationship management, with the ability to understand client needs and conceptualize web and visual designs accordingly.

Self-Service: An application used to forecast the supply and demand mapping of client accessories.

- Developed and maintained an Angular application using best practices. Wrote clean, modular, and testable code using TypeScript and RxJS.
- Integrated with RESTful APIs using HTTP and licensed AG Grid functionality and extended its implementation to user requirements, including dropdowns within AG Grid and hierarchical data representation.
- Eliminated redundant code across components and established service files for operations like saving updates with pre-processing APIs, reducing codebase size by 15%.
- Handled QA testing, resolved radar issues, and managed the project using version control software Git. Debugged and troubleshoot issues using browser developer tools.

Achievements: Received a **Raise Award** and client appreciation emails for outstanding performance.

Certifications: Infosys Certified React Professional, Infosys Certified Database and SQL Professional.

Education

Bachelor of Technology in Electronics and Communication Engineering, Vishnu Institute of Technology, Bhimavaram, July 2017 – July 2021.