Lakshmi Pravallika Regalla

Email**: pravallikaregalla9@gmail.com**
Phone**: 201-904-1595**   **Angular Developer**

PROFESSIONAL SUMMARY:

- Experienced Angular Developer with 2+ years of expertise in building scalable, high-performance enterprise applications using Angular (2-12), TypeScript, JavaScript (ES6+), RxJS, HTML, CSS, and Bootstrap.
- Strong understanding of state management using NgRx, ensuring predictable data flow and efficient handling of complex applications.
- Hands-on experience in Progressive Web Applications (PWA) development using Angular Service Workers for offline capabilities and improved user experience.
- Expertise in building micro frontend architectures, enabling modular, scalable, and maintainable application structures.
- Proficient in building modular, reusable UI components and optimizing frontend performance through lazy loading, ensuring faster load times and improved application efficiency.
- Skilled in responsive and cross-browser UI development, ensuring seamless user experience across desktops, tablets, and mobile devices.
- Adept at optimizing API integrations and data binding strategies, reducing network latency and enhancing frontend-backend communication.
- Knowledgeable in authentication and role-based access control, securing applications and streamlining user management.
- Experience in migrating and modernizing applications, successfully upgrading Angular versions from 8 to 12 for better maintainability and performance.
- Proficient in automated testing using Jasmine and Karma, ensuring high code quality and reliability.
- Passionate about collaborating with UI/UX designers to translate wireframes into pixel-perfect, accessible, and intuitive interfaces.
- Experienced in Agile/Scrum development, working closely with product owners, backend teams, and QA to deliver high-quality, feature-rich applications.
- Strong experience in error tracking and debugging using Sentry, ensuring smooth application performance and proactive issue resolution.
- Skilled in implementing real-time features such as dynamic notifications and live data updates, enhancing user engagement and system responsiveness.
- Hands-on expertise in optimizing UI performance by minimizing DOM reflows, reducing memory leaks, and improving rendering efficiency in Angular applications.
- Proven ability to write clean, maintainable, and scalable code, following industry best practices and contributing to long-term project sustainability.

TECHNICAL SKILLS:

Frontend Technologies	HTML5, CSS3, JavaScript, Responsive Design
Frameworks & Libraries	MVC, Angular, ReactJS
Databases	SQL Server
Testing Frameworks	Jasmine, Karma
Development Methodologies	Agile, Scrum, Test-Driven Development (TDD)
Programming Languages	JavaScript, TypeScript, SQL
Integration & Communication	Web Services (SOAP, REST)
Operating System	Windows XP/Vista/7 and Windows Server 2008, MacOS
Development Tools	Visual Studio

WORK EXPERIENCE:

Organization: Sails Software Solutions   **June 2021 – May 2023**
Project: PrimeRx Cloud
Role: Frontend Developer

Responsibilities:

- Developed and optimized UI components for PrimeRx, a pharmacy management software, ensuring a seamless user experience in a highly regulated, patient-centric environment.
- Designed and implemented delivery and shipping features, enabling efficient home delivery of medications and improving pharmacy logistics.
- Solely developed a shipping system, enabling seamless home delivery of medications and improving logistics efficiency for pharmacies.
- Engineered an end-to-end ASAP file generation and PDMP compliance system, ensuring accurate prescription reporting and regulatory adherence.
- Developed an automatic ASAP Scheduler, ensuring timely and accurate generation of prescription drug monitoring reports for regulatory compliance.
- Integrated critical system features such as real-time notifications, Wijmo grids for dynamic data visualization, and Sentry for issue tracking, enhancing efficiency and user experience.
- Developed and optimized inventory management and drug lot tracking features, streamlining workflows and minimizing stock discrepancies.
- Refactored and improved the side menu UI/UX, optimizing navigation, usability, and accessibility across devices.
- Designed reusable UI components and directives, standardizing development, reducing redundant efforts, and maintaining UI consistency.
- Conducted unit and integration testing using Jasmine, Karma, and Jest, reducing production defects and improving code reliability.
- Designed and developed responsive UI layouts, ensuring a seamless experience across desktops, tablets, and mobile devices.
- Worked closely with UI/UX designers to implement intuitive interfaces, aligning with wireframes and prototypes for an optimal user experience.
- Collaborated daily with backend API teams, ensuring seamless data integration between the Angular frontends and .NET Core backends.
- Partnered with QA teams to identify, debug, and resolve issues, ensuring a stable and high-performing application.
- Actively participated in Agile SCRUM ceremonies, including daily stand-ups, sprint planning, retrospectives, and backlog grooming, ensuring smooth project execution.
- Led code reviews and mentored junior developers, promoting best Angular development practices and maintaining high code quality.

Environment: Angular, TypeScript, Single Page Applications (SPAs), HTML5, CSS3, Bootstrap, Responsive Design, Cross-Browser Compatibility, UI/UX Collaboration, Reusable Components, Agile Sprints, NgRx, State Management, Role-Based Access Control, Event-Driven Architecture, Real-Time Data Streaming, Manual Testing, Front-End Performance Enhancement, Knowledge Sharing.

Certifications:
- Google UI/UX Design Professional Certificate
- Meta Front-End Developer Certificate

Education Details:
- Masters in Computer Science from Sacred Heart University (SHU) | 3.9/4 | (2023 Sep – 2024 Dec)
- Bachelors in Computer Science Engineering from IIIT Nuzvid, AP, India | 8.3/10 | (2017-2021)