Iliyaz Syed

TECHNICAL LEAD

Professional Summary

Experienced Technical Lead with 9+ years in web development, specializing in frontend technologies. Highly skilled in **Angular (3+ years)** and **React (6+ years)**, proficient in JavaScript and TypeScript. Successfully delivered **11+** large and mid-scale projects including 3 reusable component libraries, 1 public-facing application, and multiple internal-use applications. Skilled in **frontend platform engineering**, **micro-frontend architecture**, and **legacy system migration**. Excels in developing, testing, and debugging complex web applications while **collaborating with stakeholders and leading system design**. Proven ability to balance technical expertise with project management, driving successful outcomes in fast-paced environments. Effective team leader, skilled at bridging technical requirements with business objectives. The career goal is to become a **frontend architect**, driven by a passion for improving developer experience and delivering robust high-quality products.

Employment History

Senior Software Development Engineer, Squareshift Technologies Pvt. Ltd., Hyderabad
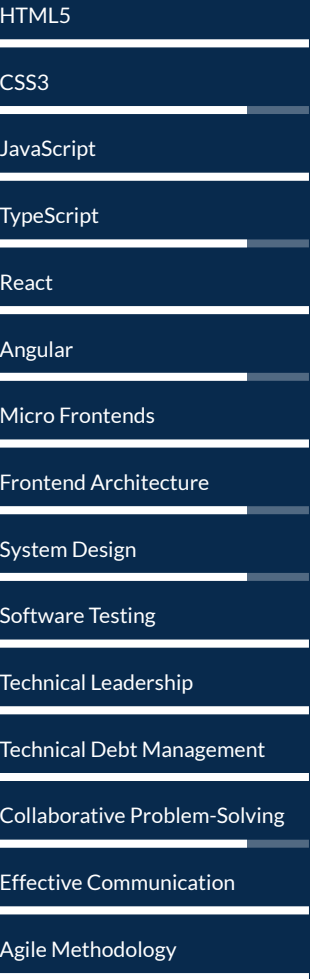
DECEMBER 2022 — PRESENT

- Spearheaded the research and development of a micro-frontend architecture with Module Federation, resulting in independent deployment and improved scalability of tenant applications.
- Created a reusable plugin library for embedding SPAs which supports any Client-Side Rendered (CSR) application, streamlining SPA integration and supporting a micro-frontend architecture across different frameworks.
- Configured and developed multiple proof of concept applications showcasing the plugin library's flexibility and capabilities, significantly improving the maintainability of micro-frontend architectures.
- Developed reusable UI components using Material UI and brand design system, increasing **development speed by 30%** and ensuring consistent component usage across projects.
- Led the development of a React-based admin application for a contextual help system, leveraging React Query and our reusable component library. This resulted in a **40% increase in result accuracy** and a significantly enhanced user experience for content writers.
- Migrated the admin app for contextual help from Create React App (CRA) to Vite, improving development **server startup time by 75%** and **reducing build time and size by 40%** due to Vite's efficient tree-shaking process.
- Significantly improved application quality by **increasing test coverage from 30% to 92%** (unit and integration tests using Vitest and RTL), addressing accessibility issues, and adding multi theme support.
- Systematically addressed technical debt by refactoring legacy code, resulting in a **60% reduction in reported bugs**
- Established a Playwright-based automation testing architecture, significantly improving testing efficiency for the engineering team.

Details

Hyderabad, 500084
India
+919441067519
iliyaz.syed@icloud.com

Skills

HTML5

CSS3

JavaScript

TypeScript

React

Angular

Micro Frontends

Frontend Architecture

System Design

Software Testing

Technical Leadership

Technical Debt Management

Collaborative Problem-Solving

Effective Communication

Agile Methodology

Languages

English

Hindi

Telugu

Links

LinkedIn

Portfolio

Senior Frontend Developer, Keystack Technologies Pvt. Ltd., Hyderabad

- Directed and maintained development of features, modules, and UI components for clients like **CVS Pharmacy, Safeway, PWC, Ford Motor Company, and Levi Strauss & Co**, significantly enhancing application performance and usability.
- Engineered reusable UI components for a large-scale pharmacy application using React, improving customer record tracking efficiency.
- Designed and enhanced a recipe website's user interface with Angular, contributing to a **30% increase** in sales through accessible and responsive design.
- Managed and built a comprehensive component library for a consulting firm, boosting **development speed by 40%** through collaboration with UI/UX teams.
- Planned and executed the creation of scalable UI components for an automotive infotainment system, ensuring high reliability with comprehensive testing protocols.
- Led the architecture and migration of an inventory management application to React with Cordova integration, improving management **efficiency by 70%** on iPod devices.
- Configured and optimized **CI/CD pipelines** for the inventory management application, streamlining deployment processes and improving development efficiency.
- Developed a chatbot POC using **Google Chat API** and integrated **Google Maps API** to enhance application functionality.
- Executed data-driven SEO optimizations, resulting in a **40% increase in visibility and searchability**, driving greater user engagement and customer acquisition.
- Adhered to **ADA and WCAG guidelines** to ensure applications were accessible to all users, enhancing user experience and compliance.
- Conducted end-to-end (E2E) testing and detailed code reviews using tools like **Jest**, **RTL**, **Mocha**, **Jasmine**, **Karma**, **Cypress**, and **Cucumber** to ensure quality and reliability
- Automated accessibility testing using tools like **Axe and Lighthouse,** and performance testing using tools such as **WebPageTest**, enhancing usability and efficiency.
- Utilized **Docker** for containerization, enhancing the development workflow and consistency across different environments.
- Implemented **A/B testing methods** using tools like **Optimizely** to optimize user experiences and improve conversion rates.
- Integrated **Bootstrap** and **Foundation** frameworks to enhance UI design and responsiveness across various projects.
- Utilized **Redux**, **Redux-Saga**, and **Redux-Thunk** for state management in React applications, ensuring efficient data handling.
- Implemented Angular Material and Storybook for creating and documenting reusable UI components that streamlined collaborative development.
- Leveraged modern web development tools like SASS for styling, ensuring consistent and maintainable styling solutions in complex applications.

Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering, ISBM University, Chhura, Gariaband, Chhattisgarh