

SARWAN KUMAR

SENIOR SOFTWARE ENGINEER

CONTACT

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PROFESSIONAL SUMMARY

Senior Frontend Developer with 6+ years of experience in building scalable, high-performance web applications using Angular (v2–18) and React.js. Skilled in developing robust Single Page Applications (SPAs) with TypeScript, RxJS, Angular Material, React Hooks, and Redux, following best practices in modular architecture, responsive design, and state management. Proficient in integrating RESTful APIs, implementing secure authentication using JWT and Azure SSO, and optimizing UI performance with lazy loading, SSR, and AOT compilation. Adept at translating complex UI/UX designs from Figma and Adobe XD into responsive, pixel-perfect components. Passionate about delivering clean, maintainable code and seamless user experiences across platforms.

TECHNICAL SKILLS

Frontend Frameworks & Libraries: Angular (v2–18), React.js, Next.js, Angular Material, PrimeNG, React Hooks, Context API, Ionic

Languages & Core Libraries: JavaScript (ES6+), TypeScript, HTML5, CSS3, JSX, RxJS, NgRx, Observables

UI/Styling & Design: Tailwind CSS, Bootstrap, SCSS, Angular Animations, Responsive Web Design, Cross-Browser Compatibility, Pixel-Perfect UI Implementation.

Component Development: Reusable Angular & React Components, Custom UI Libraries, Storybook for Design Systems.

Design Tools & Visualization: Figma, Adobe XD – Converting mockups to production-ready UI Chart.js, D3.js, Three.js – Data visualization and interactive dashboards.

State Management: NgRx, RxJS Services, BehaviorSubject (Angular) Context API (React), Local Storage Management.

Backend Integration: RESTful API Integration with Node.js & Express.js, MongoDB, Mongoose.

Authentication & Security: JWT Authentication, Azure SSO, Secure JSON, Route Guards, Role-Based Access Control

Performance & Architecture: Lazy Loading, Code Splitting, Change Detection Optimization, SSR (Angular Universal, Next.js), Modular Architecture

Testing & Debugging: Karma, Jasmine, Cypress, Jest, React Testing Library, Postman, Chrome DevTools

Project Management & DevOps: Jira, Git, SVN, CI/CD Pipelines

WORK EXPERIENCE

Brickredsys India Pvt. Ltd. | Apr 2024 – May 2025

Senior Analyst – Sr. Software Engineer

- Developed enterprise-grade Single Page Applications (SPAs) using Angular (v2–18) and React.js, leveraging modular architecture, lazy loading, and SSR/AOT compilation for performance optimization.
- Built responsive, reusable UI components using Angular Material, Tailwind CSS, Bootstrap, and SCSS, ensuring pixel-perfect design, cross-browser compatibility, and accessibility.
- Translated UI/UX designs from Figma and Adobe XD into dynamic, component-driven interfaces with interactive animations and responsive behavior.
- Managed complex client-side state using RxJS, NgRx, React Hooks, and Redux, maintaining predictable data flow and enhancing scalability.
- Integrated RESTful APIs and handled full-stack features using Node.js, Express.js, and MongoDB, implementing secure authentication (JWT, Azure SSO) and role-based access control.
- Conducted unit and integration testing using Karma, Jasmine, Jest, Cypress, and Postman, ensuring high test coverage and code quality.
- Optimized frontend performance using change detection strategies, code splitting, and Webpack/Angular CLI enhancements, significantly reducing load times and boosting responsiveness.

Projects:

- Air India myAI Portal – SSR, backend APIs with Node.js and authentication.
- Standard Chartered Web Platform – Full-stack integration with Node.js/Express backend

Velocis Systems Pvt. Ltd. | Dec 2022 – Mar 2024

Sr. Software Engineer (Angular & React)

- Crafted modern, responsive Single Page Applications (SPAs) using Angular (v2–18) and React.js, leveraging component-driven architecture, lazy loading, and SSR/AOT for optimal performance.
- Converted high-fidelity UI/UX designs from Figma and Adobe XD into pixel-perfect, accessible components using Angular Material, Tailwind CSS, Bootstrap, and SCSS.
- Engineered interactive data visualizations and dashboards with Chart.js, integrating live data through secure RESTful APIs for real-time insights.
- Managed complex state across large-scale applications using NgRx (Angular) and Redux/Context API (React), ensuring scalable, maintainable, and reactive data flow.
- Enhanced UX with advanced change detection strategies, code splitting, and on-demand rendering, reducing load times and improving perceived performance.
- Performed automated testing using Jasmine, Karma, Jest, Cypress, and React Testing Library, ensuring feature stability and regression-free releases.
- Collaborated cross-functionally in Agile/Scrum teams, driving continuous UI/UX improvement and delivering high-quality, user-centric solutions.

Projects:-

- MCD Building Plan – Admin and citizen portals with Node.js backend and Angular UI.

Chetu India Pvt. Ltd. | May 2021 – Dec 2022

Sr. UI Engineer (Angular & React)

- Built cross-platform, responsive web applications using Angular and React, leveraging modular and reusable component libraries for scalable UI development.
- Designed and developed pixel-perfect, user-centric interfaces based on Figma and Adobe XD prototypes, ensuring accurate design-to-code translation.
- Implemented and styled components using CSS3, SCSS, Bootstrap, and Tailwind CSS, achieving consistency, responsiveness, and cross-browser compatibility.
- Developed dynamic and interactive forms with JavaScript and jQuery, integrated with RESTful APIs using Node.js, enabling real-time data-driven interfaces.
- Followed clean code practices, component reusability, and responsive design principles to ensure accessibility and maintainability across projects.
- Collaborated with designers, product managers, and backend developers to bridge the gap between design and technical implementation, enhancing overall UX.
- Contributed to UI/UX frameworks and design systems, standardizing design language and accelerating development across teams

Noisy Lion | Jan 2020 – Apr 2021

UI Developer

- Developed SPAs using React.js and JavaScript.
- Designed responsive UIs from Figma and PSDs.
- Integrated REST APIs and improved application performance.

INchStreet | Dec 2017 – Dec 2019

UI Developer

- Developed dynamic and static websites with HTML5, CSS3, and JavaScript.
- Maintained responsive design and optimized cross-browser functionality.

ACADEMIC HISTORY

- MCA – Indra Gandhi National Open University, Delhi
- BCA – Indra Gandhi National Open University, Delhi
- Diploma: 2-Year DAST in Software Engineering – NSIC, New Delhi