

BASAVARAJA HIRURU

Senior Frontend Developer | React.js | Angular | Node.js

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PROFESSIONAL SUMMARY

Senior Frontend Lead with 8+ years of experience building enterprise and e-commerce web applications using React.js(v16) and Angular (v20) with strong expertise in TypeScript, JavaScript (ES6+), RxJS, NgRx, React Hooks, Redux Toolkit and React Router. Proven track record of improving application performance by 30%, developing 15+ reusable components that reduced code duplication by ~20%, and leading 3 AngularJS-to-Angular migrations. Hands-on experience with Node.js, Express.js and MongoDB for secure REST API development using JWT and RBAC. Experienced in automated testing, CI/CD, WCAG 2.1 accessibility, Agile/Scrum delivery, and mentoring developers.

CORE TECHNICAL SKILLS

- **Frontend (React):** React.js(v16), React Hooks, React Query, Redux / Redux Toolkit, React Router
- **Frontend (Angular):** Angular (v20), RxJS, NgRx, Signals
- **Core Web:** TypeScript, JavaScript (ES6+), HTML5, CSS3/SCSS, Tailwind CSS, Bootstrap
- **Architecture & Practices:** Component-Based Architecture, State Management, Code Splitting & Lazy Loading, Performance Optimization, Responsive/Cross-Browser Design, REST API Integration, Web Accessibility (WCAG 2.1, ARIA, Semantic HTML)
- **Backend & Data:** Node.js, Express.js, REST APIs, MongoDB
- **Testing & Quality:** Jest, React Testing Library (React), Karma, Jasmine (Angular), Playwright (E2E), Unit & Integration Testing, ESLint, Prettier, SonarQube, Code Reviews
- **Build & Deployment:** Bundling, Tree-Shaking, Environment-based Configuration, Angular CLI Build Configuration
- **CI/CD & Cloud:** Git/GitHub, Jenkins, Docker, AWS EC2, Nginx, Vercel, Render
- **Tools:** Postman, Chrome DevTools, VS Code, Jira, Figma; AI-assisted: GitHub Copilot, Claude, ChatGPT
- **Practices & Leadership:** Agile/Scrum, Technical Mentoring, Cross-Functional Collaboration, Production Support

PROFESSIONAL EXPERIENCE

Lead Engineer, Web Development

Jul 2022 – Present

HCLTech | Bangalore, India

- **React development:**
 - **UI development:** Built responsive, accessible and cross-browser UI screens in React.js from Figma designs, using reusable functional components, custom Hooks and forms with controlled inputs and validation, following component-driven design for consistent, maintainable UI.
 - **Feature development:** Developed new React features from requirements through release, covering component design, REST API integration, state handling, validation, error and loading states, and production support.
 - **State management:** Managed application state with Redux Toolkit for shared, global data and with Hooks (useState, useReducer, useEffect) for local component state, keeping data flow predictable and easy to debug.
 - **API data management:** Used React Query to manage server state, including API data fetching, caching, loading and error states, and mutation handling, reducing manual API state management and improving application performance.
 - **Routing & performance:** Implemented client-side routing with React Router (nested, protected and lazy-loaded routes) and optimized rendering and bundle loading using React.lazy, Suspense, React.memo, useMemo and useCallback.
 - **Testing:** Wrote unit tests for React components with Jest and React Testing Library, covering component behaviour, state changes and API-driven UI states.
- **Angular development:**
 - **UI development:** Developed and maintained enterprise-scale workforce-management applications on Infor OS using Angular, TypeScript, REST APIs, HTML5 and CSS3, delivering features based on business requirements.
 - **Component architecture:** Architected and delivered 15+ reusable Angular components, services and Reactive Forms, reducing code duplication by an estimated 20% and improving consistency across modules.
 - **State management:** Managed application state in Angular with NgRx and RxJS, keeping data flow predictable across large enterprise modules.
 - **Performance:** Improved initial application load time by 30% through lazy loading, code splitting, RxJS optimization and frontend memory-management techniques.
 - **Modernization:** Led the AngularJS-to-Angular migration of 3 legacy modules, improving maintainability, scalability and long-term performance. Adopted modern Angular features such as Signals, functional route guards, functional HTTP interceptors and the inject() function to simplify state handling and reduce boilerplate.
 - **Testing:** Wrote unit tests with Karma and Jasmine for Angular components and services.
- **End-to-end testing:** Wrote integration and end-to-end tests with Playwright across Angular and React workflows.
- **Backend development:** Developed Node.js and Express.js backend services and REST APIs to support frontend features and business workflows.
- **Security & API integration:** Implemented JWT-based authentication and role-based access control (RBAC) for secure REST API integrations, with request validation and error handling across enterprise workflows.
- **Web accessibility:** Implemented accessibility best practices (WCAG 2.1, ARIA, semantic HTML) so application screens work with assistive technologies and meet compliance expectations.

- **Quality gates & code review:** Defined and enforced engineering standards for the Angular and React codebases using ESLint, Prettier, SonarQube and structured code-review checklists covering readability, performance, accessibility and security.
- **CI/CD & DevOps:** Managed Git/GitHub branching workflows and Jenkins CI/CD pipelines supporting automated builds, testing and production deployments; supported releases and production troubleshooting.
- **Agile & leadership:** Worked in Scrum ceremonies with product, backend and QA teams, estimating stories and translating business needs into technical solutions; mentored a team of 4 junior developers through code reviews and frontend coding standards.
- **AI-assisted engineering:** Adopted GitHub Copilot and Claude for code generation, debugging and unit-test development, improving engineering velocity.

Associate System Analyst, Web Development

Apr 2021 – Jul 2022

Wunderman Thompson Commerce | Noida, India

- **Feature development:** Built new features, reusable UI components and responsive web pages for an enterprise e-commerce platform using Angular, JavaScript, HTML5, CSS3 and Bootstrap.
- **UI delivery:** Developed breadcrumb navigation, product pages and seasonal promotional-campaign modules (New Year, Christmas) supporting peak-traffic events.
- **API integration:** Partnered with UI/UX designers and backend developers to integrate RESTful APIs and deliver responsive, user-friendly interfaces.
- **Quality:** Performed debugging, testing and defect resolution across development and deployment cycles, ensuring smooth production releases.
- **Performance:** Improved page load times by refactoring code and applying HTML/CSS/JavaScript best practices.

Software Engineer

Oct 2018 – Apr 2021

Spider Focus Solutions | Bangalore, India

- **Application development:** Built and maintained responsive web applications using HTML5, CSS3, JavaScript and React.js, ensuring cross-browser compatibility.
- **UI systems:** Designed reusable UI layouts and templates based on business and design requirements, and enhanced them through ongoing bug fixes and performance tuning.
- **Feature delivery:** Built user interfaces for request-creation and monitoring modules, ensuring responsive, intuitive workflows.
- **Enablement:** Delivered end-user training and documentation for a Content Management System (CMS), enabling business users to manage content independently.

PROJECTS

IKEA | Enterprise Integration Platform on Infor OS

Stack: Angular(v20), RxJS, NgRx, Signals, React.js, Redux, TypeScript, JavaScript, SCSS, Node.js, Express.js, MongoDB, REST APIs

Built custom widgets in Angular and the value-driven implementation in React, with reusable components and REST API integrations, for a middleware platform connecting enterprise systems (Optiva, inforOS). Automated business workflows, improving performance and reducing manual effort.

UKG | Cloud HCM Platform

Stack: AngularJS, Angular 11, TypeScript, SCSS, RxJS, NgRx, Jenkins, Docker, SonarQube, Nginx, AWS EC2

Contributed to migrating legacy AngularJS applications to Angular 11, improving performance, maintainability and scalability.

Shark Ninja | Consumer Appliances Web Application

Stack: Angular, Angular Material, Angular PWA, Intershop, SCSS, RxJS, NgRx

Developed responsive pages and reusable UI components using Angular, RxJS and NgRx, and handled debugging, testing and defect resolution for smooth production releases.

Makro | Retail Web Application

Stack: React.js, React Hooks, JavaScript, SCSS, Makro CMS

Built responsive pages and reusable React.js UI components, integrated REST APIs with backend developers, and worked with UI/UX designers.

LR Solutions | Legal-Services Website

Stack: React.js, React Hooks, React Router, JavaScript, SCSS, CMS

Built responsive, cross-browser pages and reusable layouts with React.js components and Hooks, with ongoing bug fixes and performance tuning.

IoT Weather Monitoring Application

Stack: React.js, React Hooks, JavaScript, SCSS, Firebase

Built a web app showing real-time IoT sensor data using React.js components and Hooks, with authenticated access for monitoring and analysis.

EDUCATION

Bachelor of Engineering (BE), Computer Science

Jul 2015 – May 2018

Sri Jayachamarajendra College of Engineering (SJCE), Mysore, India

LANGUAGES

Kannada, English, Hindi, Telugu