

VIJAY SURYAWANSHI

SENIOR FRONTEND ENGINEER | UI ARCHITECT | FULL-STACK (FRONTEND-HEAVY)

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PROFESSIONAL SUMMARY

Senior Frontend Engineer / FE-Heavy Full-Stack Engineer with 9+ years of experience designing and delivering **scalable, high-performance web and mobile applications** in product-based environments. Deep expertise in **React.js, React Native, Angular, JavaScript, and TypeScript**, with strong ownership of **frontend architecture, micro-frontend design, and state management** using **Redux, Nx monorepos, RxJS, NgRx, and Angular Signals**. Proven experience contributing to **Java Spring Boot microservices**, including API design collaboration, backend enhancements, and performance tuning. Known for driving modernization initiatives, leading end-to-end feature delivery, and building enterprise-grade solutions used by **50K+ users**.

WORK HISTORY

Senior Engineer, 02/2022 - Current

ICE Mortgage Technology — Pune, India

Projects: Income Analyzer (Angular), AUS Analyzer (React), LOS Mobile App (React Native)

Domain: Mortgage / Financial Services

Key Responsibilities & Contributions:

- Led **frontend architecture** across multiple enterprise analyzers using **Angular, React, and React Native**
- Designed and implemented **Nx monorepo-based micro-frontend architecture** with shared libraries and common modules
- Built a **single deployment strategy** for multiple micro-frontend applications, reducing operational complexity
- Implemented **state management** using RxJS, NgRx, Redux, Redux-Saga, and Angular Signal Store
- Migrated applications to the **latest Angular version**, converting legacy components to **Standalone Components**
- Implemented **Signal-based components** to improve reactivity and runtime performance
- Integrated frontend applications with **Spring Boot microservices** using REST APIs

SKILLS

Frontend Technologies

- Angular (Advanced), React.js, React Native
- JavaScript (ES6+), TypeScript
- HTML5, CSS3, SCSS

State Management & Architecture

- Redux, Redux Toolkit
- RxJS, NgRx
- Angular Signals, Signal Store
- Nx Monorepo, Micro-Frontend Architecture

Backend (Secondary Skills)

- Java
- Spring Boot
- Microservices Architecture
- RESTful API Design & Integration

Testing

- Jest
- Cypress
- Playwright

DevOps & Tools

- Git, GitHub
- CI/CD Pipelines
- Docker, Kubernetes
- NGINX
- Webpack, Vite

Methodologies

- Agile / Scrum

- Collaborated with backend teams on **API contract design**, request/response modeling, pagination, and error handling
- Contributed to backend work including **minor API development**, backend validation improvements, and performance debugging
- Debugged and resolved **API performance and data consistency issues**, improving frontend stability
- Delivered features end-to-end in close collaboration with **product owners, QA, and DevOps teams**

Key Achievements:

- Improved overall application performance and reduced load time by **~30%**
- Reduced state-management boilerplate and improved maintainability using **Signals and NgRx Signal Store**
- Supported and maintained applications actively used by **50,000+ users**
- Improved system reliability by identifying and fixing frontend-backend integration issues early in the development cycle

Senior Software Engineer, 03/2020 - 02/2022

Reliance Jio, Navi Mumbai, Maharashtra

- Served as **Feature Team Lead** for frontend development using **React, React Native, and Node.js**
- Designed and implemented **frontend architecture** for enterprise-scale applications
- Dockerized applications and implemented **CI/CD pipelines** with deployments on **Kubernetes clusters**
- Configured **NGINX reverse proxy** and designed **DMZ / Non-DMZ architectures** with security considerations

Software Engineer, 03/2018 - 03/2020

Sportz Interactive, Mumbai, Maharashtra

- Collaborated with business unit team members to design new application systems to enhance client requirements for mobile computing capabilities.
- Researched, designed and implemented scalable fantasy game applications for UEFA using React and React Native
- Adjusted software parameters to boost performance and incorporate new features.

Software Engineer, 03/2017 - 03/2018

ISpeed, Pune, Maharashtra

- Worked with project managers, developers, quality assurance and customers to resolve technical issues.
- Designed and developed Android mobile applications

EDUCATION

Bachelor of Engineering

Technology, Computer Science,

08/2015

Government College Of Engineering

- Jalgaon