Samruddhi Umarkar

Full Stack Engineer (Frontend-Focused)

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SUMMARY

Frontend-first software engineer with **3+ years of production experience** building, modernizing, and scaling web applications across **enterprise SaaS, B2C platforms, and full-stack freelance systems**. Deep expertise in **JavaScript, TypeScript, React, and Angular**, with strong system-level understanding of **backend services, role-based access, performance optimization, and accessibility**. Proven ability to own complex UI systems, refactor legacy codebases, and deliver multi-role user journeys in real-world products. Actively designing and prototyping **AI-driven execution, agent orchestration, and workflow automation systems** using LLMs and n8n to apply dependency-aware planning and decision gating concepts to product workflows.

SKILLS

Languages   Java Script, Type script, Java, Python
Frontend   React, Angular, Responsive Design, Accessibility (WCAG, ARIA, NVDA), Component-Driven Architecture
Backend   Spring Boot, Node.JS, REST API's, Microservices
Databases   SQL Server, MySQL, MongoDB
AI & Automation   Prompt Engineering, LLM-Based Workflows, n8n Automation
Tools   Git, Figma, Postman, VS code, SonarQube, Agile Development, Code Review, Performance Optimization

EXPERIENCE

Software Engineer   May '25 — Present
Coupa Software   Bengaluru
- Contributing to the **Coupa Supplier Platform**, a large-scale enterprise business spend management system used by global customers.
- Developing and enhancing **React + TypeScript** features within a **microservices-based frontend architecture**.
- Leading frontend modernization initiatives, migrating legacy Ruby on Rails UI patterns to scalable React components.
- Resolving production issues and customer-reported defects with a strong focus on UX stability and performance.
- Designing and prototyping **AI-driven task orchestration and planning workflows** using LLMs and n8n to explore dependency-aware execution and risk tracking models.

Freelance Frontend Developer   Aug '24 — Apr '25
Self Employed   Remote (Remote)
- Built a **full-stack project, client, and site-tracking system** for a construction and multi-trade company, replacing manual, paper-based workflows.
- Owned the system end-to-end: **React frontend, Node.js backend, SQL Server database, authentication, role-based access, and production deployment**.
- Designed user journey for multiple real-world roles including owners, site managers, architects, plumbers, painters, and builders.
- Developed the **Angular frontend** for *eLekhapal*, an accounting platform for cooperative societies and organizations, focusing on usability for non-technical users handling complex financial data.
- Delivered a responsive portfolio website for a political leader, collaborating directly with stakeholders on branding, layout, and UX decisions.

Associate Software Development Engineer   Jul '22 — Jun '24
Publicis Sapient   Bengaluru, India
- Core contributor to **Women in Retail**, a production social platform supporting **User, Admin, and Super-Admin** journeys.
- Built and maintained complex **React + TypeScript** frontend systems integrated with **Java/Spring Boot APIs**.
- Implemented **role-based access control**, discussion groups, and media-rich posting flows.
- Re-architected frontend responsibility boundaries across roles, significantly reducing cross-role bugs and improving system clarity.
- Reduced redundant API calls by **~30%** through improved state management.
- Contributed to the **Keurig B2C e-commerce platform**, delivering UI enhancements, performance improvements, and **accessibility compliance (WCAG, ARIA, NVDA)** within a strict enterprise design system and code-review process.

Junior Angular Developer (Internship)   Jun '21 — Oct '21
RewaWorks IT Solutions   Pune, India
- Developed Angular UI components for a **pet e-commerce platform**, working on product listing and cart flows.
- Implemented reusable modules and component communication patterns to improve development efficiency.
- Collaborated with designers to translate UI concepts into responsive, user-friendly Angular screens.

EDUCATION

B. Tech. in Computer Engineering, Cummins College of Engineering for Women (GPA: 7.4)   Aug '18 — May '22
                                                                                                                   Pune, India
- Member of the **Robocon Club**; represented the college at national selection level for the international robotics competition.
- Participated in multiple hackathons (IBM, Philips), gaining experience in rapid prototyping and collaborative problem-solving.
- Completed frontend-focused workshops covering **HTML, CSS, JavaScript, React, and Angular**.

CERTIFICATIONS

AWS CERTIFIED CLOUD PRACTITIONER CLF C01, Amazon Web Services   Dec '22
Generative AI Mastermind, Outskill   Oct '25