

SUSHANT S. BHOSALE

Senior Software Engineer

Scalable Full Stack & Front-End Platforms | Inclusive Product Leadership

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Full stack engineer with 14+ years building performant, scalable platforms across the UI and backend stack. Proven track record in architecting cloud-native systems, designing modular UI libraries, and driving cross-functional delivery. Adept with React, Angular, TypeScript, Node.js, and AWS; fluent in async workflows, CI/CD pipelines, and developer tooling. Known for blending technical precision with product intuition and inclusive team leadership.

EXPERIENCE

Verizon *Boston, MA*

Senior Software Engineer *October 2018 – Present*

Software Engineer *November 2015 – September 2018*

- Architect and implement a scalable AI chatbot with Amazon Bedrock, streamlining enterprise user interactions on Verizon's ThingSpace IoT platform.
- Co-lead the architecture of ThingSpace, Verizon's \$1B+ IoT platform, designing UI layers and a developer platform that empowers enterprise users to manage IoT devices at scale.
- Engineer reusable component libraries in Angular, accelerating product development by 40% across cross-functional teams.
- Reduced page load times by 40% through advanced frontend optimizations: micro frontends, lazy-loading, tree-shaking, and CDN-aware bundling.
- Led migration to a TypeScript-first stack, improving code reliability and reducing onboarding time for new engineers by 50%.
- Introduced CI/CD build pipelines and testing frameworks (Jest, Cypress), increasing release velocity while enhancing QA coverage.
- Partner with infrastructure to deploy resilient services via Kubernetes and AWS, to achieve 99.95% uptime.
- Advocate for accessible design (WCAG, ARIA) and inclusive engineering, resulting in broader feature adoption and usability.
- Mentor distributed team through async rituals, retrospectives, and pair programming, improving team velocity significantly.

EMI Strategic Marketing *Boston, MA*

Web Developer *July 2011 – October 2015*

Junior Web Developer *November 2009 – June 2011*

- Developed responsive web components for high-volume campaigns, using vanilla JS and emerging frontend libraries.
- Created real-time dashboards for ad tracking, reducing data latency and enabling instant campaign optimization.
- Managed ingestion pipelines for 100K+ marketing records, improving targeting precision and execution timing.

CORE TECHNICAL EXPERIENCE

Languages & Frameworks: JavaScript (ES6+), TypeScript, React, Angular, Node.js, HTML5, CSS3, Express.js, Python, GO, Rust

Architecture & Platforms: Design Systems, UI Component Libraries, Microservices, Serverless architecture, RESTful APIs, GraphQL

Performance & Testing: Runtime Optimization, Unit Testing, Jest, Cypress, CI/CD Build Pipelines, Observability

Cloud & Infrastructure: AWS, Kubernetes, Docker, CDN Optimization, Amazon Bedrock

AI & Intelligent Systems: LLM Integration (Amazon Bedrock), Prompt Engineering, Conversational AI Design, Chatbot Architecture

Developer Tooling & Experience (DX): Build Tooling, Webpack, Vite, ESLint, Prettier, Testing

Security & Compliance: Web Security Best Practices, OWASP, Secure Coding, Dependency Auditing (Fortify, Blackduck, Snyk)

LEADERSHIP & COLLABORATION

- **Quarterly Recognition Award** for leading launch of IoT Marketplace under tight deadlines; resulted in 500% MoM growth in developer portal traffic.
- Promoted team-wide async workflows and psychological safety, increasing retention and cross-site collaboration.
- Liaised with 3rd-party vendors and designers to ship external APIs and features, aligning internal teams under single roadmap.

EDUCATION

M.S. Computer Science – University of Massachusetts, Boston

B.S. Computer Engineering – Mumbai University, India