

Swapnil Muley

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Professional Summary

Experienced Software Engineer with 9+ years in front-end development, specializing in Angular (2–19), React, JavaScript, TypeScript, HTML, and CSS. Proven expertise in leading development teams, architecting scalable UI solutions, and optimizing performance of enterprise-grade applications.

Strong experience in Agile delivery, CI/CD pipelines (Jenkins), code quality governance, and DevOps-enabled frontend workflows. Passionate about building accessible, high-performing, and user-friendly applications while upholding best practices and modern UI engineering standards.

Technical Skills

Frontend Technologies: Angular (2–19), React, JavaScript, TypeScript, HTML5, CSS3, SASS, RxJS, Bootstrap, Tailwind CSS, Material UI, Web Accessibility (WCAG 2.2)

State Management: Redux, NgRx, ngxs, Zustand, Context API, BehaviorSubject

Testing Frameworks: Jasmine, Karma, Jest, Cypress

Performance & Optimization: Webpack, Lighthouse, Lazy Loading, Code Splitting, OnPush Change Detection

Architecture Patterns: Micro Frontends, Module Federation, Monorepo (Nx, Lerna), Component-driven architecture

DevOps & CI/CD: Jenkins, GitHub Actions, Docker, SonarQube (Code Quality), CI/CD Pipelines

Version Control: Git, GitHub, GitLab, Bitbucket

Collaboration Tools: Jira, Confluence, Slack, Trello

AI Tools: GitHub Copilot, Cursor

Professional Experience

Delivery Project Lead

Mphasis | Pune | August 2025 – Present

Client: JPMC

Defined project scope, timelines, and deliverables, aligning with JPMC's technology and business goals. Led cross-functional teams (developers, QA, UX, DevOps), ensuring seamless

collaboration and delivery.

Acted as primary client liaison, providing transparent communication and stakeholder management. Established risk mitigation strategies and proactively resolved delivery issues.

Ensured adherence to governance, coding standards, and compliance frameworks. Implemented CI/CD pipelines with Jenkins to automate builds, testing, and deployment. Tracked KPIs, managed budgets, and delivered progress reports to leadership and stakeholders.

Staff Engineer

Altimetrik Pvt. Ltd. | Pune | September 2024 – August 2025

Client: Citi Bank

Architected and led frontend development for financial applications using Angular 17. Implemented scalable and reusable UI components, enforcing security and performance best practices.

Integrated RESTful APIs and optimized async workflows using RxJS operators. Conducted code reviews, mentoring sessions, and knowledge sharing across teams.

Improved app efficiency via OnPush change detection, lazy loading, and code splitting. Collaborated in Agile ceremonies (planning, grooming, retrospectives). Integrated Jenkins CI/CD pipelines for automated deployments and regression checks.

Tech Lead

Torana Inc. | Nagpur | July 2018 – August 2024

Projects: iceDQ (NextGen) – 3 years | Electrik.Ai – 2 years | Knowledge Graph – 1 year | CircleYard – 1 year

Led frontend teams building enterprise-grade applications in Angular (9–17) and React. Implemented Micro Frontend architecture (MFE), Monorepo (Nx, Lerna), and CI/CD pipelines (Jenkins).

Drove web accessibility adoption (WCAG 2.2, ARIA roles, semantic HTML) for compliance. Enhanced performance optimization through code splitting, virtualized lists, and lazy loading.

Conducted unit and integration testing (Jasmine, Karma, Jest, Cypress). Designed data visualization dashboards (Angular + D3.js) for Knowledge Graph project. Established developer workflows with GitHub Actions, Jenkins, and Docker for frontend builds.

Frontend Developer

Royal Developer | Nagpur | September 2016 – June 2018

Built mobile and web applications using Ionic 2, Angular, TypeScript, HTML5, and CSS3. Developed secure authentication, order tracking, and payment integration features.

Optimized mobile performance and deployed apps to app stores. Wrote unit tests and improved performance benchmarks across multiple projects.

Key Projects & Achievements

iceDQ (NextGen) - Data Quality Platform

Led frontend development for enterprise data quality application using Angular 9-17. Implemented micro frontend architecture, real-time data validation dashboards, and complex data visualization using D3.js.

Electrik.Ai - AI-Powered Analytics

Architected scalable UI for AI-driven analytics platform with React and Angular. Implemented state management with Redux/NgRx, optimized rendering performance for large datasets, and ensured WCAG 2.2 accessibility compliance.

Knowledge Graph - Data Visualization Dashboard

Designed interactive graph visualization tool using Angular and D3.js, featuring hierarchical layouts, dynamic node connections, zoom/pan capabilities, and real-time data updates.

CircleYard - Community Management Platform

Built responsive web application for community management with Angular, featuring real-time notifications, user management, and event scheduling capabilities.

Family Tree Visualization Tool

Created interactive family tree diagram using D3.js and dTree.js with Angular integration for visualizing complex family relationships with fixed hierarchical layouts.

Reusable NPM Packages & Open-Source Contributions

Developed and published multiple NPM packages including invoice generator, JSON formatter utility, graph/node layout library, and Angular security toolkit for vulnerability scanning and SSL/TLS validation.

Education

Master of Science (Computer Science)

Nagpur University, Nagpur

Bachelor of Computer Application

Nagpur University, Nagpur

Additional Information

Community Engagement: Active contributor to open-source projects, technical blog writer on Angular and web security topics, organizer of cricket tournaments and community events

Languages: English (Fluent), Hindi (Native), Marathi (Native)

Availability: Open to new opportunities and challenges