

YOGESH JOSHI

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Professional Summary

Staff Software Engineer with 13+ years of expertise in full-stack JavaScript/TypeScript development. Architected an AWS infrastructure redesign that cut cloud costs by 80% while improving scalability, and led delivery of enterprise-grade micro-frontend systems handling 100K+ daily transactions. Known for architectural leadership, cross-functional mentorship, and shipping complex features on tight timelines.

Skills

- **Languages:** JavaScript (ES6+), TypeScript, Go
- **Architecture:** Micro-frontends, Webpack Module Federation, Microservices, Serverless
- **Frontend:** React, Next.js, Vue.js, Redux, React Native, GWT
- **Backend:** Node.js, NestJS, Express.js, Spring Boot, GraphQL
- **Cloud/DevOps:** AWS (EC2, S3, Lambda, DynamoDB), Docker, Kubernetes, Terraform, Mulesoft
- **Databases:** PostgreSQL, MongoDB, Redis, Firebase Firestore
- **Testing:** Jest, Cypress, Playwright, Selenium
- **Digital Adoption:** DAP platforms, Contextual fabs, In-app guidance

Experience

Whatfix Bengaluru, KA | Jun 2025 – Present

Staff Software Engineer

Whatfix is a leading Digital Adoption Platform (DAP) empowering organizations to guide, automate, and track user journeys across software applications.

Selfhelp Hub

- Contextual fab embedded in client applications, giving end-users access to curated help articles, training videos, automations, and task assignments
- **Delivered "Tasklist" feature** within one month – enables organizations to create actionable tasks for end-users with configurable notification frequency via the fab
- Tasklist supports multiple task types: reading articles, watching videos, performing automations, and completing defined actions
- **Increased Selfhelp Hub adoption from 80% to 100%** across enterprise client base through feature enhancements and UX improvements
- **Tech Stack:** ReactJS, Micro-frontends (Webpack Module Federation), GWT, Spring Boot, Playwright

QuickRead

- AI-powered query system enabling users to ask questions against all curated organizational content
- Building core agent that traverses organizational content and generates contextual, accurate responses to user queries; improving content discoverability across enterprise client base

Glimpse

- In-context FAQ solution allowing organizations to define highlightable selectors on their applications; selectors are underlined with a distinctive rainbow indicator and open a modal with AI-generated answers via QuickRead
- Implementing suggested questions section that auto-populates queries in Selfhelp Hub for seamless cross-product integration

Team Leadership

- Mentoring team of 3-4 engineers, conducting code reviews, and driving technical excellence

YARA International Bengaluru, KA | Aug 2020 – Feb 2025

Lead Software Engineer (Aug 2022 – Feb 2025)

- **Spearheaded AWS infrastructure redesign** that reduced cloud costs by 80% while improving system performance and scalability
- **Architected micro-frontend architecture** using React, enabling team autonomy and faster deployment cycles
- **Designed and deployed microservices** on AWS and Mulesoft Anypoint middleware, handling 100K+ daily transactions
- Led engineering team, conducting technical reviews, mentoring junior developers, and driving SOLID principles adoption

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Senior Software Engineer (Aug 2020 – Aug 2022)

- Developed cross-platform mobile application using React Native, MobX, and Firebase, serving 50K+ users
- Created NestJS micro-service template adopted as standard across backend teams
- Mentored 4 interns/trainees through onboarding and skill development programs
- Managed release pipeline from internal testing to Google Play Store production releases

Ather Energy Private Ltd. Bengaluru, KA |Jun 2015 – Aug 2020

Senior Software Engineer (Associate Manager)

- Designed vehicle navigation system using vanilla JS/React and Google Maps API, optimized for hardware with severe memory constraints across the Ather scooter fleet
- Built mobile app using React Native + Firebase for vehicle-cloud sync, achieving 4.6★ app store rating with 100K+ downloads
- Developed Go-lang integrations for system-level vehicle applications
- Created automation tools using shell scripting, reducing QA testing time by 40%

Function Space Bangalore, KA |May 2014 – Jun 2015

Software Artisan

- Built web applications and online community platform (PHP/JavaScript), including Learnise — a learning ecosystem with in-browser IDEs — and Play Physics, a suite of interactive science learning games

Avinashi Ventures Pvt Ltd Surat, GJ |Jun 2013 – Apr 2014

Fullstack Software Developer

- Built HRMS system (AngularJS, Node.js, MongoDB), bulk SMS telemarketing delivery system, and automated mail reporting with charts — foundational full-stack experience spanning frontend, backend, and integrations

Education

Bachelor of Engineering: Computer Engineering (2009 – 2013)

Gujarat Technological University, Surat, GJ

CGPA: 8.05