

SAMMED DOSHI

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SUMMARY

Senior Software Engineer with **3.5+ years of experience** specializing in scalable **React Native, TypeScript, and GenAI-enabled** enterprise applications. Proven track record of delivering high-performance solutions for global **Banking and Energy** sectors. Expert in bridging Native Modules, architecting design systems, and leading accessibility (a11y) initiatives to deliver measurable business outcomes.

TECHNICAL PROFICIENCY

Languages: TypeScript, JavaScript (ES6+), Java, HTML5, CSS3
Mobile & Frontend: React Native, Expo, React.js, Redux Toolkit, TanStack Query, Context API, RNTL
Backend & Cloud: Node.js, Express.js, RESTful APIs, Firebase (Firestore), MongoDB, MySQL
Tools & DevOps: Git, GitHub CI/CD, VS Code, Android Studio, Xcode, Jira, Github Actions
Architecture: MVVM, Component-Based Architecture, Accessibility (a11y), i18n, Jest, Agile, SDLC

PROFESSIONAL EXPERIENCE

Capgemini Technology Services India Pvt Ltd

Mumbai, India

Senior Software Engineer

August 2022 – Present

- **Key Impact:** Accelerated development lifecycle by **20%**, delivering an Energy Sector enterprise app **2 weeks ahead** of schedule via AI-assisted workflows and offline-first architecture.
- **Native Module Integration:** Engineered custom Android/iOS Native Modules to bridge legacy SDKs, enabling seamless specialized tag scanning beyond standard React Native limits.
- **Enterprise Architecture:** Developed a component-based frontend for a **Major European Bank** using Redux Toolkit, reducing redundancy by **30%** for **1M+ active users**.
- **Performance Optimization:** Optimized component structures and implemented strict linting/peer review protocols, resulting in a **15% reduction** in unnecessary re-renders.
- **Accessibility (a11y):** Led inclusive design by implementing **20+** TalkBack/VoiceOver enhancements, ensuring full **WCAG compliance** for large-scale consumer applications.
- **DevOps & CI/CD:** Orchestrated multi-environment pipelines using Android Flavors and environment configurations to streamline deployment frequency and stability.
- **Mentorship:** Mentored 4 developers on Agile methodologies, ensuring **95% adherence** to sprint commitments.

PROJECTS

Universal Adaptive Bars (Open Source) | React Native, NPM, TypeScript

- Authored and maintain a customizable React Native library for adaptive status and navigation bars; supports edge-to-edge layouts and dynamic theme switching for iOS and Android.

GenAI Multi-Agent Ecosystem (MindfulBite & Travel Planner) | React Native, Gemini AI, Node.js

- Architected a suite of AI-driven applications leveraging the Gemini API to provide real-time nutritional image analysis and personalized travel itinerary generation.
- Designed scalable Firestore data models for user preference synchronization and integrated external travel/health APIs for high-fidelity real-time data processing.

EDUCATION

Savitribai Phule Pune University

Pune, India

Bachelor of Engineering in Computer Engineering

May 2022

Honours in Artificial Intelligence and Machine Learning

CERTIFICATIONS

React Query / TanStack Query: React Server State Management | Udemy

AI & Generative AI: Executive Briefing | Pluralsight

Agile Software Development | Coursera