

SAMMED DOSHI

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SUMMARY

Senior Software Engineer with **3.5+ years** building scalable, mission-critical **React Native** applications for Banking and Energy. I design offline-first mobile architectures, integrate native modules (Java/Kotlin), and deliver **GenAI** features that improve developer velocity and user accessibility. Proven track record: architected component-based frontends serving **1M+ users**, reduced code redundancy **30%**, and accelerated delivery by 20% through AI-assisted workflows and better engineering practices. Passionate about open-source contribution and AI-assisted development.

TECHNICAL PROFICIENCY

Mobile & Frontend: React Native (Expo), React, TypeScript, Redux Toolkit, React Hooks, Universal Adaptive Bars (npm)
Tools & DevOps: Git, GitHub Actions, RNTL, Jest, VS Code, Android Studio, Xcode, Jira, Linting (ESLint, Husky)
Architecture & Platform: Offline-first sync, Native Module integration, MVVM, performance optimization
Service Integration: REST, GraphQL, TanStack (React) Query, Firebase, Node.js/Express
AI & Accessibility: Gemini API / Generative AI integrations, Accessibility (TalkBack / VoiceOver), WCAG compliance

PROFESSIONAL EXPERIENCE

Capgemini Technology Services India Pvt Ltd

Mumbai, India

Senior Software Engineer

August 2022 – Present

- **Key Impact:** Architected and led the migration of a high-scale banking application to React Native 0.77.x, implementing the New Architecture (Fabric and TurboModules) to improve UI thread performance by **25%**.
- **Native Module Integration:** Engineered custom Android/iOS Native Modules to bridge legacy **SDKs**, enabling seamless specialized tag scanning beyond standard React Native limits and ensuring secure data transmission.
- **Performance Optimization:** Optimized app hydration speed by **40%** by replacing legacy AsyncStorage with an MMKV/JSI-based synchronous storage solution.
- **Stakeholder Partnership:** Collaborated cross-functionally with Product and Design teams (Figma) to translate complex financial workflows into accuracy-aligned to product requirements, WCAG-compliant interfaces.
- **CI/CD & Release Automation:** Streamlined release process using GitHub Actions CI/CD, automating build, test, and deploy steps; shipped production-ready builds to enterprise app store and public Play Store.
- **Mentorship:** Mentored 4 developers on Agile methodologies, ensuring **95% adherence** to sprint commitments.

PROJECTS

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

- Authored and maintain a customizable, adaptive, high-performance, 100% TypeScript chart library across iOS, Android, and Web using D3-scale.
- Implemented AI-driven data insights using the Gemini API to provide automated summaries of visualized data.

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