

SHREE RAKSHA G M

Software Engineer | React Native | React.js | TypeScript
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PROFESSIONAL SUMMARY

Software Engineer with **3.6 years of hands-on experience** building **production-grade mobile and web applications** using **React Native, React.js, and TypeScript**. Strong expertise in scalable UI development, SDK integrations, offline-first architecture, automation flows, and performance optimization. Experienced in end-to-end delivery including **Play Store & App Store releases**, working in Agile teams.

TECHNICAL SKILLS

Core: React Native, React.js, TypeScript, JavaScript, HTML, CSS

State Management: Redux Toolkit, Context API

Mobile: CLI, Expo, Native Modules, Play Store/App Store Release

Backend & APIs: Node.js, REST APIs

Cloud & Analytics: Firebase, AWS (S3, CloudFront), Google Analytics

Tools: Git, Jira, Bitbucket, CI/CD

Databases: MySQL, MongoDB

SDKs & Integrations: SFDC, CustomerGlu, HyperVerge, Vispera, WebEngage, Okta, Stripe

PROFESSIONAL EXPERIENCE

Suitable AI – Simon Electric India (R&D)

Mobile Software Engineer | Jul 2025 – Present | React Native (Expo), TypeScript

- Built a smart home mobile app controlling **5+ device categories** (lights, blinds, ACs, switches, sockets), supporting real-time device state updates and modular feature expansion.
- Designed scene-based **environment & ambiance automation**, enabling time-based and rule-driven workflows, **reducing manual interactions by 30–40%**.
- Implemented "Back Home" and "Walk Away" modes, optimizing state handling, resulting in **~25% faster bulk device action execution**.
- Delivered **light/dark mode theming** and **multi-language localization**, improving accessibility and international usability.
- Collaborated with R&D, hardware, and product teams to debug platform-level issues, improving app stability.

SpurTree Technologies – Bengaluru

Software Engineer | Aug 2022 – Jul 2025

- Developed and maintained **CRM-driven B2B & B2C mobile applications** serving thousands of active field users using React Native and TypeScript.
- Implemented **offline-first architecture using Salesforce SmartStore**, enabling uninterrupted usage in low-network areas and **reducing field operation failures by ~40%**.
- Integrated **Vispera (image recognition)** and **CustomerGlu (gamification)** SDKs, increasing user engagement and automation coverage across multiple client apps.
- Diagnosed and resolved dependency and native compatibility issues during **RN upgrade (0.63 → 0.73)**, improving crash-free sessions.
- Integrated **Google Analytics** and **Firebase Analytics** for user behavior tracking, event logging, and performance monitoring.
- Participated in **CI/CD pipelines using Jenkins and Git-based workflows** for automated builds and deployments.
- Debugged **offline sync failures** and **race conditions** in SmartStore implementation.
- **Owned Play Store & App Store releases**, handling versioning, hotfix deployments, and production issues with minimal rollback incidents.

- Built and optimized **React.js admin dashboards**, reducing **operational turnaround time by ~20%** through better data visibility and workflows.
- Migrated state management to **Redux Toolkit**, improving code maintainability, predictability, and scalability.

PROJECTS

Smart Home Automation App *React Native*

- Designed modular, scalable architecture to manage real-time IoT device interactions.
- Implemented scene automation, theming, localization, and performance optimizations.
- Focused on low-latency actions and stable state synchronization across devices.

CRM Field Operations App *React Native*

- Built offline-capable mobile app using Salesforce SmartStore, **reducing field operation failures by ~40%**.
- Integrated Vispera and CustomerGlu SDKs to improve field productivity and engagement.
- Owned Play Store and App Store releases including hotfix cycles.

EDUCATION

Bachelor of Engineering – Computer Science

Vidya Vardaka College of Engineering, Mysore | 2018 – 2022