

SHREE RAKSHA G M

Software Engineer | React Native | React.js | Node.js | TypeScript
Bengaluru, Karnataka

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PROFESSIONAL SUMMARY

Frontend Developer with **3+ 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 apps, automation flows, and performance optimization**. Experienced in delivering apps end-to-end, including **Play Store & App Store releases**, while working in Agile teams.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS

Frameworks: React Native (Expo), React.js, Redux Toolkit, Node.js

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

Databases: MySQL, MongoDB

iOS Knowledge (Working Understanding): iOS SDK concepts, app lifecycle, REST/JSON handling, MVVM concepts

Cloud & DevOps: AWS (S3, CloudFront), Firebase (Analytics, Crashlytics, Push Notifications), Google Analytics, CI/CD pipelines

Tools & Methodologies: Git, GitHub, Bitbucket, Jira, Agile, SCRUM, SDLC

UI/UX: Figma, Light/Dark Mode, Localization

PROFESSIONAL EXPERIENCE

Suitable AI – Simon Electric India (R&D)

Mobile Software Engineer | Jul 2025 – Present

Tech: React Native (Expo), TypeScript

- Built a smart home mobile application used to control **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 users to configure **time-based and rule-driven workflows, reducing manual interactions by 30–40%**.
- Implemented **“Back Home”** and **“Walk Away”** modes, optimizing state handling and background processes, resulting in **~25% faster execution time for bulk device actions**.
- Delivered **light/dark mode theming** and **multi-language localization**, improving accessibility compliance and expanding usability for international users.
- Collaborated closely with R&D, hardware, and product teams to debug platform-level issues, improving overall app stability and reducing critical production issues.

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 upgrades (0.63 → 0.73)**, improving crash-free sessions.
- Integrated **Google Analytics** and **Firebase Analytics** for user behavior tracking, event logging, and performance monitoring, improving feature usage insights.
- 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**, ensuring on-time releases 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 for future feature additions**.
- Worked directly with clients to **gather requirements**, provide **technical estimations**, and **deliver features aligned with business goals**.

PROJECTS

Smart Home Automation App (React Native)

- Designed a 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 an offline-capable mobile app using Salesforce SmartStore.
- Integrated image recognition and gamification SDKs to improve field productivity and engagement.
- Supported production releases and hotfix cycles across Android and iOS.

EDUCATION

Bachelor of Engineering – Computer Science

Vidya Vardaka College of Engineering, Mysore | 2018 – 2022