

SREERAJ A

SOFTWARE ENGINEER | MOBILE & DEVOPS

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PROFESSIONAL SUMMARY

Software Engineer specializing in mobile engineering and cloud/DevOps, with experience building enterprise SaaS, real-time applications, and resilient cloud platforms. Architected Clynova E-HR for **2,000+ daily active users** across **15+ microservices** and automated zero-downtime deployments. Skilled in Kotlin/Android, React Native, .NET, AWS, Docker, CI/CD, PostgreSQL, Redis, and secure multi-tenant systems.

TECHNICAL SKILLS

- Mobile:** Kotlin, Android SDK, Android Studio, MVVM, Gradle, React Native, Expo, Firebase, FCM
- Mobile Delivery:** Google Play Store deployment, Apple App Store deployment, production build configuration, release workflows
- Languages & Web:** C#, .NET, TypeScript, JavaScript, Python, PHP, React, Next.js, Node.js, Express.js
- Cloud & DevOps:** AWS EC2, RDS, ElastiCache, S3, CloudFront, API Gateway, DigitalOcean, Docker, Docker Hub, GitHub Actions, CI/CD, Nginx, Git, Linux commands
- Data & Messaging:** PostgreSQL, MySQL, MongoDB, Redis, Apache Kafka, Redis Pub/Sub
- Architecture & Security:** Microservices, REST APIs, SignalR, WebSockets, JWT, RBAC, SSL, multi-tenancy
- Testing & AI:** Unit testing, integration testing, Retrieval-Augmented Generation (RAG)

WORK EXPERIENCE

Software Engineer (Mobile & DevOps)

Codebxo Pvt Ltd

Dec 2025 - Present

- Architected Clynova E-HR from scratch, a multi-tenant SaaS HRMS supporting 2,000+ daily active users with payroll, biometric attendance, violation workflows, and digital asset management.
- Designed 15+ C#/.NET microservices with PostgreSQL and Apache Kafka, secured service communication with random ssl secrets and application access using RBAC and JWT authentication.
- Engineered real-time React Native and React experiences using SignalR, WebSockets, and Redis Pub/Sub; scaled Clynova CRM for 5+ enterprise clients with TypeScript, Expo, and FCM.
- Automated GitHub Actions CI/CD with unit and integration tests, Docker Hub image publishing, and zero-downtime rolling production deployments.
- Contributed to mobile release workflows for Google Play Store and Apple App Store deployments, including production build configuration and submission readiness.
- Architected AWS and DigitalOcean infrastructure using EC2, RDS, ElastiCache, S3, CloudFront, API Gateway, Droplets, Nginx, SSL automation, and CDN routing.

Software Developer Intern

UKSHATI Technologies

May 2025 - Nov 2025

- Contributed to enterprise ERP inventory and purchase-order modules using Next.js, React, Node.js, Express.js, MySQL, and Redis.
- Implemented a Docker-based CI/CD pipeline to automate application deployment and improve release consistency.
- Built responsive static websites and landing pages for companies and clients, strengthening their online presence and supporting business growth.
- Deployed the ERP platform on Raspberry Pi for industrial use, supporting reliable day-to-day operations.

EDUCATION

Master of Computer Applications (MCA)

St. Joseph Engineering College

2023 - 2025 | Mangalore

Bachelor of Computer Applications (BCA)

St. Aloysius University

2019 - 2022 | Mangalore

PROJECTS

MedConnect AI | MERN, RAG

AI-assisted telemedicine with doctor booking and contextual health responses.

EduConnect | MERN

Career-guidance platform with aptitude testing and a student-college bridge.

Turf Booking | Flask, MySQL

Real-time booking platform with secure authentication.

Fitness Android App | Kotlin, Firebase

Workout tracking with timers, profiles, and cloud synchronization.

Resume Builder | PHP, MySQL

Dynamic resume generation with customizable templates.

KEY ACHIEVEMENTS

Enterprise SaaS at Scale

Built Clynova E-HR from scratch to support 2,000+ daily active users across complex HR operations.

Secure Microservices

Delivered 15+ services with tenant isolation, SSL, RBAC, JWT, PostgreSQL, and Kafka.

Automated Delivery

Created tested GitHub Actions and Docker workflows enabling zero-downtime production releases.

Mobile Store Delivery

Supported production release workflows for Android and iOS applications across Google Play Store and Apple App Store.

Enterprise Mobile Impact

Scaled Clynova CRM for 5+ enterprise clients with real-time lead tracking and push notifications.

Multi-Cloud Operations

Deployed high-traffic applications across AWS and DigitalOcean using Nginx, SSL automation, and CDN routing.

Client Web Delivery

Built static websites and business landing pages for companies and clients to strengthen their digital presence.