

Shahil Mangroliya

SENIOR SOFTWARE ENGINEER • FULL-STACK • MOBILE • CLOUD

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SUMMARY

Senior software engineer with **5+ years** building and owning production mobile and backend systems end-to-end — React Native, Node.js, Python/Spring Boot, and AWS. Sole technical owner of a consumer navigation platform for 1.5 years, cutting **AWS costs 65%** and shipping a production security baseline (PKCE, SSL pinning, encryption). Shipped an **AI-native MVP solo** via direct LLM APIs. 3+ years working US-remote hours as the sole engineer on a product.

EXPERIENCE

Pointz Mobility

Remote (US) • Aug 2022 – Present

Consumer bike-navigation platform (iOS / Android + web)

Head of Engineering → Engineering Consultant

Sep 2024 – Present

- Sole technical owner of the platform — backend, frontend, databases, security, and AWS infrastructure.
- Cut AWS infrastructure costs **65%** through EC2/RDS right-sizing and resource optimization.
- Shipped a production security baseline: auth/session tokens, PKCE, SSL pinning, nonce validation, and encryption.
- Improved backend performance, reducing API response times and making turn-by-turn navigation more reliable.
- Now maintain the codebase (security, infra, payments, mobile) on a part-time retainer.

Full-Stack Developer

Sep 2023 – Sep 2024

- Took over the Java Spring Boot backend within one week and shipped features on the Pointz Plus subscription tier.
- Architected payments: in-app purchases via RevenueCat and Stripe (web), migrating profit-share onto IAP.
- Designed and built crowdsourcing features for hazards, shortcuts, and amenities.

Frontend Developer

Aug 2022 – Sep 2023

- Re-architected the navigation system for more reliable text-to-speech and re-routing.
- Integrated Firebase, CodePush, and the Facebook SDK; upgraded the app to support the latest devices.

Stealth AI Startup

Remote (US) • Dec 2025 – Apr 2026

Founding Engineer

- Shipped the MVP solo: an AI-native product that ingests user data (Gmail, Outlook, Google Sheets) and delivers actionable SMS/email alerts.
- Built direct LLM API integration — prompt design, response handling, and retries — using Claude Code to accelerate delivery.

Eglaf Technology

Remote (India) • Jun 2022 – Oct 2022

Senior React Native Developer

- Took over an in-flight project, integrated APIs, and designed the state-management architecture.
- Integrated the Stormglass.io API for weather data.

Artistry Solutions

Surat, India • Sep 2020 – Aug 2022

React Native Developer

- **MoodMe** (relationship app): Firebase messaging + deep links; stabilized across devices — **100K+ downloads** on iOS and Android.
- **Trace Bust**: redesigned UI with light/dark theming; implemented in-app purchases (react-native-iap).
- **Prank Caller**: built a 60fps drawer animation and in-app prank-chat messaging.

TECHNICAL SKILLS

Languages	TypeScript, JavaScript, Python, Java, SQL
Frontend	React Native, React, Next.js, Redux, Android Studio, Xcode
Backend & Data	Node.js, Spring Boot, PostgreSQL, MongoDB, Firebase, REST APIs
Cloud & DevOps	AWS (EC2, RDS, S3), Google Cloud, Docker, CI/CD
Security	Auth/session tokens, PKCE, SSL pinning, encryption, nonce validation
AI	LLM API integration, prompt design, Claude Code, Cursor
Integrations	Stripe, RevenueCat, Razorpay, Braintree, IAP • Google Maps, Mapbox, OSM • Twilio, Mailgun, Gmail API, MS Graph

EDUCATION

B.E., Computer Engineering
Gujarat Technological University • 2023

LANGUAGES

English (fluent) • Hindi (fluent) • Gujarati (native)