

Ulises Rosas

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SUMMARY

Senior Software Engineer with 10+ years delivering mobile and full-stack products across React Native, Android, iOS, Node.js, and AWS. Led teams and shipped startup products in IoT, fitness, logistics, and healthcare, cutting release cycles by up to 60% and defects by 50%+ through CI/CD, automation, and observability.

EXPERIENCE

Head of Software Engineering

May 2018 – April 2026

Sahuaro Labs LLC

U.S.

- Led full-SDLC delivery for 5 client products across distributed design, mobile, and web teams.
- Improved release output through mentorship, code review standards, shared architecture and CI/CD automation.
- Enabled better product interaction by implementing analytics and in-app messaging.
- Introduced stronger QA standards driving error detection and resolution quickly.
- Automated GitHub Actions pipelines cutting deploy times to minutes.
- Created Voice Agents to handle customer service, lead qualification and booking appointments.
- Integrated AI Models into mobile and web applications.
- Created Workflow automations for customer outbound campaigns.

Software Engineer

May 2015 – April 2018

Sahuaro Labs LLC

U.S.

- Created a Bluetooth Low Energy beacon platform for location-based marketing campaigns in physical stores.
- Developed the Android application from requirements gathering through deployment.
- Implemented BLE beacon technology to trigger location-based customer interactions.
- Built a reusable Android SDK for location con connectivity services, minimizing integration time for product teams.
- Established coding guidelines, code-review practices, and CI/CD processes to improve development consistency.

EDUCATION

B.S. in Software Engineering

December 2015

Instituto Tecnológico de Sonora (ITSON)

Mexico

- Focus on Software Development Life Cycle (requirements, design, implementation, testing, deployment, maintenance).

SKILLS

Languages: JavaScript, TypeScript, Kotlin, Java, C#, SQL

Frontend: React, Next.js, Angular, Vue.js, CSS3

Mobile: React Native, Android, iOS (Swift), Ionic, Bluetooth/BLE, MQTT, Geolocation

Backend/Cloud: Node.js, ASP.NET, REST APIs, MongoDB, AWS, Docker, CI/CD, GitHub Actions

Leadership: Technical Architecture, Team Leadership, Mentoring, Stakeholder Management, Agile/Scrum

AI: Agents, RAG, Workflow Automation, N8N, Voice Agents

LANGUAGES

- English — C1.
- Spanish — Native speaker.