

JOSE SOSA

Senior Software Engineer | Full Stack | Mobile | Cloud | Technical Lead

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Building scalable web, mobile, and cloud products through software design, technical leadership, and AI-accelerated engineering.

PROFESSIONAL SUMMARY

Senior Software Engineer and Technical Team Lead with 10+ years of experience designing, building, and maintaining production web and mobile applications. Strong background across JavaScript/TypeScript ecosystems, including React, React Native, Next.js, Node.js, Firebase, GraphQL, WordPress/XenForo, CI/CD workflows, cloud concepts, and performance optimization.

Experienced working across the full software lifecycle: architecture, frontend, backend services, mobile platforms, third-party integrations, deployment workflows, debugging, optimization, mentoring, and cross-functional collaboration. I focus on building maintainable systems that scale over time, not just features that work temporarily.

AI is part of my daily engineering workflow. I use Claude Code, Cursor, GitHub Copilot, GPT, and Gemini to accelerate development, debugging, research, refactoring, code review, and prototyping while keeping architecture, scalability, maintainability, and code quality at the center of technical decisions.

CORE SKILLS & KEYWORDS

Software Design • Technical Leadership • Full-Stack Development • React • React Native • TypeScript • JavaScript • Node.js • GraphQL • Apollo Server/Client • Firebase • Firestore • Cloud Functions • PostgreSQL • WordPress • XenForo • Next.js • Expo • AWS • ECR • EKS • Route53 • Docker • CI/CD • Bitrise • Mobile Architecture • Performance Optimization • Analytics Integrations • RevenueCat • AppsFlyer • Crashlytics • AI-Assisted Development • Claude Code • Cursor • GitHub Copilot

PROFESSIONAL EXPERIENCE

Technical Team Lead | Advision Development

Apr 2017 - Present | Costa Rica | Hybrid

Contribute to large-scale web and mobile platforms including Oddstrader, Bookmakers Review, and Sportsbook Review, working across full-stack development, technical leadership, software design, architecture, integrations, mobile platforms, cloud workflows, and performance optimization.

- Lead and contribute to the design, development, and evolution of scalable web and mobile applications used by thousands of users.
- Build production systems using React, React Native, Next.js, Node.js, TypeScript, JavaScript, Firebase, GraphQL, WordPress, XenForo, PostgreSQL, Webpack, Babel, esbuild, and Styled Components.
- Designed and implemented GraphQL architectures using Apollo Server and Apollo Client to support maintainable data access patterns and complex product requirements.
- Developed React Native and Expo mobile applications with Android/iOS integrations, deep linking, Firebase services, push notifications, analytics, Crashlytics, and mobile performance improvements.
- Integrated RevenueCat for subscription and in-app purchase workflows and AppsFlyer / analytics tooling for attribution, tracking, and product insights.
- Worked with AWS-related services and concepts including ECR, EKS, Route53, Docker-based workflows, Bitrise, CI/CD pipelines, deployment automation, scalable backend integrations, and environment management.
- Improved scalability, reliability, and maintainability through advanced caching strategies, data warmers, optimization pipelines, frontend performance improvements, and architectural cleanup.
- Collaborated with Product, SEO, BI, and Growth teams to align engineering execution with business objectives, user engagement, traffic, and analytics needs.
- Mentored developers, reviewed code, supported technical decisions, improved delivery workflows, and helped maintain high standards around architecture, code quality, maintainability, and user experience.
- Integrated AI-assisted development into daily workflows using Claude Code, Cursor, GitHub Copilot, GPT, and Gemini for debugging, research, refactoring, code generation, documentation, and technical exploration.

ADDITIONAL EXPERIENCE

Full Stack Developer | WorkRide

Jan 2017 - Apr 2017 | Costa Rica

- Contributed to a cross-platform mobile and web application built with NativeScript and Sails.js, focusing on scalability, performance, and user experience.
- Designed and maintained RESTful APIs and backend services integrated with the mobile application.
- Implemented authentication and authorization using Passport.js to support secure access control.
- Debugged complex issues, improved system stability, optimized database queries, and worked with PostgreSQL and PostGIS for geolocation capabilities.

JavaScript Developer | AliveBox

Apr 2015 - Aug 2016 | Moravia, Costa Rica

- Developed and maintained backend services powering an EJS-based web application with dynamic JSON rendering.
- Implemented Facebook, Twitter, and local authentication using Passport.js.
- Wrote and maintained unit tests with Mocha to reduce regressions and improve reliability.
- Debugged and optimized existing modules to improve performance, stability, and scalability.

IT Professional Practice | Instituto Costarricense de Puertos del Pacifico

Sep 2014 - Dec 2014 | Caldera, Costa Rica

- Supported IT-related tasks during professional practice as part of Information Systems studies.

TECHNICAL EXPERTISE

Languages: TypeScript, JavaScript, PHP, SQL

Frontend: React, React Native, Next.js, Expo, HTML, CSS, Styled Components

Backend & APIs: Node.js, GraphQL, Apollo Server/Client, REST APIs, Firebase Cloud Functions, authentication and authorization

Mobile: Expo, Android/iOS native integrations, deep linking, push notifications, RevenueCat, AppsFlyer, Firebase Analytics, Crashlytics

Cloud & DevOps: AWS, ECR, EKS, Route53, Docker workflows, CI/CD, Bitrise, deployment automation, environment management

Data & Platforms: PostgreSQL, Firestore, PostGIS, WordPress, XenForo, analytics/tracking systems

Engineering: Software Design, Technical Leadership, scalable systems, performance optimization, debugging, code review, mentoring

AI Workflow: Claude Code, Cursor, GitHub Copilot, GPT, Gemini

EDUCATION & LANGUAGES

Universidad Tecnica Nacional - Information Systems Engineering (2013 - 2014) | Centro Cultural Costarricense Norteamericano - English Now Intensive (2015)

Spanish: Native / Bilingual | English: Professional Working Proficiency