Roberto Juárez

Senior Software Engineer & Engineering Leader
Guatemala City, Guatemala
juarez.roberto77@gmail.com
GitHub: @robertodevs | Portfolio: robertojuarez.xyz

SUMMARY

Innovative Software Engineer and Engineering Leader with over 10 years of professional experience building high-performance mobile and web applications across defense, enterprise, and startup environments. My career combines deep technical expertise in cross-platform mobile development with a consistent ability to scale teams, define technical strategy, and deliver products that solve real business problems.

I am goal-oriented, organized, and ownership-driven. I move comfortably between hands-on engineering and executive-level decision making - whether architecting a secure DOD communication platform, leading cross-functional teams for enterprise clients, or founding my own software company. I communicate clearly across engineering, design, and business stakeholders, and I bring the same level of rigor to a code review as to a product roadmap discussion.

Beyond my professional work, I am an active contributor to the global developer community: my Flutter articles have reached 51,000+ readers, my open-source Figma plugin is used by 36,000+ developers worldwide, and I maintain a combined following of 30,000+ across technical content platforms.

TECHNICAL SKILLS

- **Mobile:** Flutter, Dart, Cross-Platform Development, flutter_bloc, Performance Optimization, Material 3, Responsive UI
- **Frontend:** TypeScript, React, Next.js, Remix, HTML/CSS, Tailwind CSS
- **Backend:** Python, Django, Node.js, GraphQL, REST APIs, OpenAPI, PostgreSQL
- **Cloud & Infrastructure:** Firebase, Supabase, Google Cloud Platform (Cloud Functions, Firestore), CI/CD, GitHub Actions
- **AI Engineering:** AI Agents, Voice Agents, Agent Evaluations (Evals), MCP Servers, LLM Integrations, Prompt Engineering, AI Workflow Automation
- **AI Developer Tools:** Cursor, Claude Code, ChatGPT, GitHub Copilot
- **Design:** Figma, Design Systems, Prototyping, Wireframing, After Effects
- **Tools:** Git, Azure DevOps, Google Workspace
- **Leadership:** Agile/Scrum, Technical Leadership, Software Architecture, Technical Writing, Team Mentoring
- **Languages:** Spanish (Native), English (Professional), Portugues (Beginner)

PROFESSIONAL EXPERIENCE

Improving Guatemala **Jun 2025–May 2026**
Senior Software Engineer *Guatemala*

- **Full-Stack Development:** Designing, developing, and integrating frontend and backend components for web applications, including API design and third-party service integration.
- **UX Improvements:** Contributing to UX decisions and implementing interface improvements that directly impact product usability and client satisfaction.
- **Stability & Hotfixes:** Identifying and resolving critical technical issues under production conditions, maintaining application performance and reliability.
- **Agile Execution:** Active participation in sprint planning, refinement, and daily standups, maintaining alignment on delivery goals and technical priorities.

Tools & Technologies: Flutter, TypeScript, Remix, GraphQL, REST APIs, Git, Agile/Scrum

Headstorm.ai **Jun 2025–May 2026**
Software Engineer *Remote · Dallas, TX*

- **Agricultural Platform Development:** Led end-to-end design and development of a new enterprise system for Boasafra - a precision agriculture platform - covering nutrient report generation, soil analysis, contract management, and project tracking.
- **System Architecture:** Designed the core data models and module structure for a multi-domain agricultural management system, ensuring extensibility and reliability across report, contract, and project workflows.
- **Data-Driven Features:** Built nutrient report and soil analysis modules that translate complex agronomic data into structured, actionable outputs for agricultural advisors and field teams.
- **Client Delivery:** Worked within Headstorm's consulting model to deliver high-quality, production-ready software aligned with Boasafra's operational needs and business goals.

Tools & Technologies: TypeScript, React, Node.js, REST APIs, PostgreSQL, Git, Agile/Scrum

Universapps **Sep 2024–Sep 2025**
Chief Technology Officer *Guatemala*

- **Technical Strategy:** Defined architectural direction across three enterprise applications, establishing coding standards, deployment pipelines, and quality benchmarks for the engineering organization.
- **Team Leadership:** Managed cross-functional teams of developers, designers, and QA engineers, aligning technical delivery with business timelines and client expectations.
- **Mission-Critical Delivery:** Oversaw development of software for Holandesa, Guatemala's largest dairy distributor, and Becofarma, a major pharmaceutical company, where system reliability directly impacted supply chain and distribution operations.
- **Process & Governance:** Implemented agile workflows and technical review processes that improved delivery consistency across concurrent projects.

Tools & Technologies: Flutter, Firebase, GCP, Figma, Agile/Scrum

Adyton PBC **Apr 2020–Jul 2024**
Mobile Engineer L3 *Remote · Frisco, TX*

- **DOD Platform:** Led development of AOK, a secure communication app kit for U.S. Department of Defense units, built with Flutter for iOS and Android, serving thousands of active military personnel.
- **Module Architecture:** Designed and implemented 5 core product modules - SKEDS, LogE, Assemble, Mustr, and a WebApp component - each addressing distinct operational communication needs.
- **Core Features:** Implemented in-app messaging, push notifications, user authentication, and performance optimizations for field use under constrained network conditions.
- **Design System:** Developed a custom design system ensuring UI consistency, accessibility, and scalability across all app modules.
- **Backend Modernization:** Migrated Django APIs to OpenAPI spec, improving documentation and backend maintainability.
- **Mentorship:** Mentored junior developers on Flutter best practices, contributing to team growth and codebase scalability.

Tools & Technologies: Flutter (Dart), Django (Python), OpenAPI, Firebase, GitHub Actions, flutter_bloc, Mockito, Figma

9JUNIO, Inc. **2023–Present**
CEO & Founder *Remote · Delaware, US*

- Founded a software company focused on SaaS products and AI-powered business automation for Latin America.
- Built and launched AgendaYA, smart medical appointment scheduling, and ContrataYA, contractor marketplace for home services.
- Architected scalable, cloud-native solutions across both products, leading product strategy, engineering standards, and go-to-market execution.
- Building open-source tooling including Firebase and Google Docs MCP servers that extend AI assistant capabilities for developers.

Tools & Technologies: Flutter, Supabase, Firebase, GCP, Remix, TypeScript, AI/MCP integrations

Dandy the Move **2022–2023**
VP of Engineering *Remote · US*

- Achieved a 30% performance improvement through targeted Flutter optimization initiatives, directly improving user retention and app store ratings.
- Led technical strategy and managed the engineering team, implementing architectural improvements that modernized development practices and reduced delivery friction.

Tools & Technologies: Flutter, Firebase, CI/CD, Git

INT2 **2021–2022**
Engineering Director *Remote · Guatemala*

- Led development of HypeTime, the company's flagship application, from early stage through production.
- Implemented Clean Code practices and Agile methodologies, improving team velocity and code maintainability.
- Established consistent UX/UI standards across all products and mentored engineers at multiple experience levels.

Tools & Technologies: Flutter, Firebase, Agile/Scrum, Figma

EDUCATION

Universidad del Valle de Guatemala
Bachelor's in Computer Science Engineering · Cum Laude · GPA: 3.4/4.0 *2011–2015*

- Exchange Program: University of Arizona, USA (Jul 2013–Aug 2014)
- Exchange Program: Universidad de Valladolid, Spain (Sep 2013–Jul 2014)

Udacity
Agile Software Developer Nanodegree *2021*

Udacity
User Experience Nanodegree *2020–2021*

COMMUNITY & OPEN SOURCE

- 51,000+ views on published Flutter development articles on Medium - top article: *Flutter and Zeplin: Speed up the Development Process* with 43K views.
- 36,200+ developers using the Flutter Figma Plugin for generating Flutter code from designs.
- 1,400+ GitHub stars on the Flutter eCommerce Template.
- Open-source contributor: Firebase MCP Server, Google Docs MCP Server, Flutter Microanimations Library.
- Content creator across TikTok (21K), Instagram (5K), YouTube (2K), and LinkedIn (2K).

SCHOLARSHIPS & AWARDS

- Full Scholarship - Fundación Juan Bautista Gutiérrez, for university studies (2010)
- Full Scholarship - U.S. Embassy, SUSI Leadership Program (2013)
- Full Scholarship - PEACE Erasmus Mundus Program, Universidad de Valladolid (2013–2014)