JORGE ALONSO PULIDO TRUJILLO

Software Development Leader | Full-Stack & Mobile Systems Architect

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EXECUTIVE SUMMARY

Software Development Leader with 7+ years of continuous growth at Samsung SRT (rising from Assistant Engineer to Project Leader) and 8+ years of total production experience. Proven track record leading cross-functional engineering teams delivering emerging-tech PoCs across Web, C++, Android, and Python, presenting quarterly milestones to executive stakeholders in the US and South Korea, and modernizing legacy enterprise architectures.

TECHNICAL COMPETENCIES & LEADERSHIP

• **Leadership & Project Management:** Multidisciplinary Team Leadership, Agile/SCRUM, Product Owner, Executive Stakeholder Management (US & South Korea), Technical & Market Feasibility Analysis.
• **Platforms & Languages:** C++, Android (Kotlin / Java), Python, TypeScript, React, HTML5/CSS3, UML Modeling.
• **Architecture & Backend:** RESTful API Design, MySQL Database Optimization, Legacy Modernization (Visual FoxPro to Cloud/Mobile), Automated PDF & Excel Engines.
• **Languages:** Spanish (Native), English (C1 Advanced — EF SET 69/100).

PROFESSIONAL EXPERIENCE

Samsung SRT — Tijuana, B.C., Mexico / El Cajon, CA (US & Korea Stakeholders)
Total Tenure: 7 years 10 months continuous growth (Feb 2019 — Present)

Project Leader (Oct 2024 — Present)
• Direct multidisciplinary engineering team delivering PoCs and prototypes across Web, C++, Android, and Python.
• Manage and present quarterly technical progress and innovation demonstrations to stakeholders in the US and South Korea.

Software Engineer (Visual Display R&D) (Jan 2021 — Present)
• Develop proof-of-concepts for emerging technologies in Samsung Visual Display, evaluating technical and market feasibility.
• Execute rapid cross-platform prototype iterations spanning Web, mobile (Android), and native applications (C++).

Android Developer (Oct 2019 — Jan 2021)
• Developed and maintained core Android companion modules for Samsung The Frame TV (art curation and display customization).
• Successfully launched commercial applications on Google Play, driving active regional adoption.

Assistant Engineer (Feb 2019 — Oct 2019)
• Delivered technical engineering support and quality assurance for Samsung Smart TV application launches in Latin America.
• Resolved complex partner engineering inquiries and enforced corporate quality and certification standards.

siempresa — Tijuana, B.C., Mexico
Web Developer (Jan 2019 — Jun 2019)
• Built transactional e-commerce modules enabling interactive merchandise personalization and item configuration.
• Engineered RESTful backend endpoints and automated document generation engines for PDF and Excel reports.

Eco recycling — Baja California / California
Full Stack Developer — Modernization Lead (Feb 2017 — Feb 2019)
• Modernization Leadership: Supervised migration of legacy desktop systems (Visual FoxPro) to scalable mobile/web platforms.
• Backend/APIs: Designed high-efficiency RESTful APIs for material tracking, yard lot weighing, and inventory.
• Databases: Optimized relational MySQL database schemas, composite indexing, and queries for high concurrency.
• Frontend & Mobile: Built intuitive mobile apps (Android/iOS) for field workers and real-time operational web dashboards.

Sonata Services — Tijuana, B.C., Mexico
Junior Software Engineer / **Product Owner** (May 2017 — Aug 2017)
• Served as Product Owner for mobile supply chain applications using Agile SCRUM methodologies and UML modeling.

EDUCATION & CERTIFICATIONS

• **Universidad Tecnológica de Tijuana (UTT):** B.S. in Information Technology Engineering (2015 — 2019)
• **EF Standard English Test (EF SET):** C1 Advanced Certificate (Score: 69/100 — Proficient)