

ELI JARAMILLO

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PROFESSIONAL SUMMARY

Software engineer and technical project leader with 5 years of experience building enterprise applications, leading cross-functional teams, and designing system integrations in media and financial services environments. At NBCUniversal, supported enterprise payment systems processing \$6B+ annual revenue, led multi-venue POS deployments, and built Python automation tools that replaced hours of manual work. At Capital Group, managed a \$2.5M custom platform build (.NET/Angular/SQL) end-to-end as product manager, scrum master, and QA lead for a 9-person Agile team. Independently designed, built, and operate a distributed multiplayer platform with 86,000+ lines of code across React/Next.js, Node/Express, and Python. Bilingual in English and Spanish.

PROFESSIONAL EXPERIENCE

Senior Application Engineer | NBCUniversal | Los Angeles, CA Dec 2024 – May 2026

- Supported enterprise payment systems processing \$6B+ annual revenue across 200M+ transactions, serving as the technical point of contact between payment processing vendors, POS platforms, and internal business teams
- Spearheaded Starbucks Connect deployment across 3 restaurant venues, coordinating between Payments, Network, Finance, RevOps, and the vendor team with zero disruption to live operations
- Led end-to-end deployment of 70+ PAX mobile payment terminals across 5 venues, owning device configuration, Oracle POS integration, on-site training for 20+ operators, hypercare support, and server migration
- Built Python automation tools for transaction reporting, anti-skimming compliance, MID auditing, and offline transaction reconciliation, cutting manual processes from hours to minutes and distributing tooling across both coasts
- Identified and remediated a PCI compliance gap in VIP Sales where full credit card PANs were collected via email, partnering with Infosec and Finance to redesign the SOP and purge all prior forms containing card data
- Established cross-functional tiger team syncs between Finance and RevOps, creating persistent operational processes that replaced ad-hoc email threads and gave leadership visibility into issue resolution

Solutions Engineer II | Capital Group | Irvine, CA Aug 2021 – Dec 2023

- Served as product manager, scrum master, and QA lead for a \$2.5M custom web application (.NET/Angular/SQL) consolidating HRIS data for 400+ associates at a \$2.5T AUM firm, delivering on time and earning \$1.3M in expansion funding
- Led a 9-person Agile team through sprint planning, backlog refinement, and biweekly stakeholder demos, shipping features that saved \$750K+ annually in manual operational hours
- Led vendor evaluation and selection for an enterprise 360 review platform (\$1M budget), overseeing gap analysis, multi-round demos, implementation, and launch within 10 months with 80%+ user satisfaction
- Designed and shipped a self-service module enabling investment professionals to validate compensation-impacting data, saving operations 1,000+ human hours (\$150K+) annually
- Coordinated OKTA SSO configuration and MFT/SFTP channel implementations for secure data transfer between enterprise systems, testing integrations and troubleshooting failures through ServiceNow

PROJECTS

Siliconian Showdown | Creator & Lead Developer | siliconianshowdown.com 2020 – Present

- Designed, built, and operate a full-stack real-time multiplayer game (React/Next.js, Node/Express, Python) with 86,000+ LOC across 3 independently deployable services, 50+ REST API endpoints, and 31 data models
- Architected a custom WebSocket RPC protocol bridging Node.js and Python with request/response correlation, configurable timeouts, automatic reconnection, and audience-routed event delivery
- Implemented a transactional in-game economy using MongoDB ACID transactions for wager escrow, purchases, and peer-to-peer trading, ensuring data consistency across concurrent operations
- Grew community from 200 to 1,300+ registered players and a 600-member Discord, coordinating a 4-person team to ship updates and iterate on features driven by player feedback

EDUCATION

BS, Informatics | BA, Business Economics | University of California, Irvine June 2021

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, SQL, HTML/CSS, .NET

Frameworks & Data: React, Next.js, Angular, Node.js, Express, MongoDB, SQL Server, REST APIs, WebSocket/Socket.IO, JSON, XML

Tools & Practices: Git, Jira, Confluence, ServiceNow, Figma, Alteryx, NGINX, PM2, Linux, Agile/Scrum, OKTA SSO, SFTP | English & Spanish (native)