ELI JARAMILLO

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SUMMARY

Full-stack builder and systems engineer with 4+ years of experience leading enterprise-scale deployments, building custom platforms, and maintaining payment systems with $10bn+ revenue and 200mn+ annual transactions. Currently supporting 24/7/365 mission-critical infrastructure at NBCUniversal's UDX division while owning end-to-end rollouts across traditional and mobile POS devices.

EXPERIENCE

Senior Application Engineer

NBCUniversal

📅 12/2024 - Present   📍 Universal City, CA

- Support enterprise-scale payment systems handling $10bn+ annual revenue across 200mn+ transactions for NBCUniversal's Destinations & Experiences (UDX) division
- Led deployment and configuration of 70+ mobile payment terminals across 5 venues, managing Oracle POS integration, and APK upgrade/rollback strategies
- Delivered on-site hypercare and technical training to 20+ team members, providing real-time troubleshooting, and operational feedback loops
- Implemented PCI-compliant payment flows for VIP Sales, eliminating full PAN collection and aligning with Infosec and Finance guidelines
- Resolved PED outages caused by faulty USB hardware and restart scripts, coordinating patch deployment with ACI and confirming recovery across 10+ venues
- Represented the Payments team in weekly vendor syncs (ACI, Oracle, Swyft), submitting CHG requests, and leading config pushes via ServiceNow

Technical Consultant

EJ Digital

📅 01/2024 - 11/2024   📍 Irvine, CA

- Increased quarterly sales revenue by 10% by launching a Shopify ecommerce presence and developing custom Liquid components
- Lifted conversion rate by 2% by processing Shopify data using Python and pandas for ETL, then visualizing customer insights in Tableau to drive UX improvements
- Boosted organic traffic by 25% and page impressions by 2000% by refining SEO strategy through Google Keyword Planner, GenAI tools, and enhanced metadata
- Saved 16 hours per 100 products by automating cross-platform listings via custom scripts and REST API integrations with eBay, Facebook, Instagram, and Google

Solutions Engineer II

Capital Group

📅 04/2023 - 12/2023   📍 Irvine, CA

- Served as Product Manager for 3 full-stack productivity and data tools, improving team efficiency through feature delivery and cross-functional collaboration
- Owned roadmap and feature prioritization for a data governance platform supporting 400+ investment managers and executives at a $2.5tn AUM firm
- Directed the rollout of an enterprise scheduling platform, enhancing collaboration for 9,000 associates across HR, Operations, and IT
- Led a team of 5 engineers in Agile web development using .NET, AngularJS, SQL, and cloud tools including Jira, Confluence, and Bitbucket

Solutions Engineer

Capital Group

📅 08/2021 - 04/2023   📍 Irvine, CA

- Led product initiatives in Global Business Services IT to enhance talent development, KPI tracking, analytics, and enterprise data management practices
- Launched a data platform from 0 to 1, consolidating multiple HRIS data sources and generating over $750K in annual savings
- Boosted 360° review satisfaction by integrating a vendor people insights SaaS and increasing response rates by 10% with features like auto-save and email reminders
- Engineered automated Alteryx workflows to strengthen quality assurance, achieving 99% data accuracy through improved data consistency

Founder & Lead Developer

Siliconian Showdown

📅 07/2021 - Present   📍 Irvine, CA

🔗 siliconianshowdown.com

- Developed a full-stack online multiplayer game, attracting over 1,150 registered players and facilitating 3,000+ battles with real-time stat tracking
- Built and scaled a Discord community to 468 global members over 2 years by hosting tournaments, launching polls and surveys, and recruiting 3 volunteer leads for communications and game balance
- Engineered a custom combat engine leveraging WebM playback, powering 3,000+ unique animations and increasing monthly battles by 30%
- Built the platform from the ground up using ReactJS, NextJS, NodeJS, ExpressJS, TypeScript, Socket.IO, Python, MongoDB, NGINX, PM2, and GitHub

EDUCATION

BS, Informatics

University of California, Irvine

📅 09/2017 - 06/2021   📍 Irvine, CA

BA, Business Economics

University of California, Irvine

📅 09/2017 - 06/2021   📍 Irvine, CA

SKILLS

Development

JavaScript, HTML, CSS, AngularJS, ReactJS, NextJS, TypeScript, Python, NodeJS, ExpressJS, SQL, MongoDB

Tools

Jira, Alteryx, Axure, Bitbucket, Confluence, Figma, Git, GitHub, VS Code, Canva, Agile Development

PROJECTS

Multiplayer & Matchmaking

Ideated and developed the player matchmaking system for siliconianshowdown.com

- Built scalable matchmaking queues and dynamic lobby configurations for FFA and solo game modes
- Engineered event-driven messaging for battle turns, match outcomes, and player status updates
- Enabled private rooms with shareable codes and user-defined game settings

Real-Time Communication & Networking

Built the infrastructure enabling siliconianshowdown.com players to communicate with each other

- Developed a real-time, bidirectional communication system using Socket.IO
- Created in-game chat rooms using room-based socket architecture with secure message routing
- Enabled live presence detection to show connected players and active lobbies

Player Progression

Developed a system to record player lifetime performance metrics for siliconianshowdown.com

- Built a persistent stat-tracking system to monitor wins, losses, KOs, damage dealt, and total games played
- Designed MongoDB schemas with indexed queries for real-time stats display and leaderboard integration
- Created a loadouts feature allowing players to pre-save up to 10 team configurations

ADDITIONAL EXPERIENCE

Post Closing Intern

CoreVest Finance

📅 07/2020 - 08/2020   📍 Irvine, CA

- Audited +300 deals across a $2bn pipeline and created a guide to standardize audit process

Commercial Lending Intern

Pacific Enterprise Bank

📅 05/2019 - 09/2019   📍 Irvine, CA

- Recommended terms for a $4.5mn credit line; conducted +40 property site visits in OC and LA

Research Protections Assistant

UC Irvine Office of Research

📅 11/2017 - 06/2018   📍 Irvine, CA

- Ensured +1,000 research records met IRB confidentiality and regulatory standards