

Alejandro Ramirez Herrera

SENIOR SOFTWARE ENGINEER

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[linkedin.com/in/aluramh](https://www.linkedin.com/in/aluramh)

Austin, TX

SKILLS

Languages

TypeScript, JavaScript, Java, Python, HTML/CSS

Frameworks

React, Spring Boot, Node.js, React Native

Testing

Playwright, Cypress, React Testing Library

Cloud & DevOps

AWS, Google Cloud, Docker, Kubernetes

Monitoring

Sentry, Datadog, SignalFx

Feature Flags

Statsig, LaunchDarkly

AI Engineering

LLM agent design, prompt engineering, Rovo, enterprise AI adoption

Practices

Accessibility (WCAG AA/AAA), Frontend Performance, Technical Architecture, Agile/Scrum

EDUCATION

Southern Methodist University (SMU)

M.S. in Computer Science
Dallas, TX · May 2016

Instituto Tecnológico de Monterrey (ITESM)

B.S. Digital Systems & Robotics Engineering
Monterrey, MX · June 2016

Joint dual-degree partnership between SMU and ITESM.

EXPERIENCE

Atlassian — Senior Software Engineer

Remote · Austin, TX

Nov 2021 – Present

Change Management & Atlassian Administration

- Built and shipped enterprise change management features — deployment freeze scheduling, experiment management, and cross-product change awareness — adopted by 55+ organizations and 500K+ seats
- Designed event-driven architecture for a platform API migration; served as DRI across frontend, backend, and platform teams; led service deprecation reducing sprawl from 61 → 41 services
- Led Selenium → Playwright migration for production E2E monitors, improving reliability from 69% → 97% and test performance by 35%; resolved 90+ flaky test issues
- Led accessibility initiative achieving 81% WCAG AA compliance, unlocking an estimated 2M–7.7M potential customer seats
- Drove frontend performance initiative targeting 20% improvement in P90 TTI across Atlassian Administration's highest-traffic pages
- Grew PR review contributions by 44% YoY; mentored engineers across accessibility, testing, and analytics; mentored 2 summer internship cohort interns who both converted to full-time roles at Atlassian

Forward Deployed Engineer — AI Adoption Rotation (2025–2026)

- Embedded with enterprise customers to drive adoption of Atlassian's Rovo AI platform
- NatWest:** Led design and delivery of an automated Test Summary Report (TSR) generation agent — a governance-critical document used across NatWest's testing programmes; agent queries Jira via JQL to auto-populate test, defect, and risk data, reducing TSR production time from hours to minutes; high-impact engagement with significant seat expansion potential for Atlassian
- NatWest:** Built 2 additional demo Rovo agents showcasing platform AI capabilities to drive enterprise adoption
- Finnair:** Designed and delivered custom AI agents including an Incident Resolution Helper (automated ticket filtering and incident tracking) and an Executive Insights Summary agent (management-level reporting exported to Confluence)

Jonajo Consulting — Software Consultant

Remote

Jul 2016 – Nov 2021

Delivered full-stack solutions across multiple enterprise and startup clients as an embedded consultant:

- Ocean Freight Exchange:** Led full-stack development of a real-time vessel tracking platform displaying 72,000+ vessels; built subscription e-commerce system (\$5K/seat/year via Chargebee); work contributed to securing a \$3.3M Series A funding round
- Register:** Built scalable Node.js/AWS backend with JWT authentication; designed and launched iOS Swift app to the App Store, targeting 300 global appliance brands and 500K+ estimated users
- LiveObjects:** Led monolith → microservices architecture migration; implemented Spring Boot backend with OAuth2 and Salesforce API integration; Kafka POC for process optimization; Docker/Kubernetes deployments resulting in 10–20% cost savings
- Ciitizen:** Built authentication microservice serving 20,000+ users; executed NoSQL → normalized SQL database migration eliminating data duplication across all microservices