

Isan Rodriguez Trimino

Engineering Leader | Solutions Architect

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About Me

Strategic and hands-on Solution Architect with 15+ years of full-stack engineering and technical leadership experience, including pivotal roles in the Electric Vehicle (EV) sector. Led large cross-functional teams of 30+ across frontend, backend, DevOps, and QA to deliver high-stakes solutions aligned with business-critical roadmaps. Expert in clean architecture, cloud-native systems, and scalable microservices. Adept at navigating the complexities of fast-paced environments, driving architectural decisions, managing stakeholders, and reporting to senior leadership. I believe in empowering engineers through clear architecture, psychological safety, and continuous feedback loops.

Career Highlights

- Delivered 20+ successful product rollouts across FinTech, Automotive, and Media.
- Led Lucid Financial Services tech stack evolution, reducing release cycles by 30% and improving sales revenue.
- Led a 30+ member distributed team across LATAM, North America, and EU, streamlining development processes, enforcing architectural standards, and mentoring junior architects.
- Resolved architecture bottlenecks in high-pressure EV product launches, balancing innovation and compliance in a tightly regulated environment.
- Championed onboarding and mentorship programs across LATAM engineering teams.
- Speaker at Women Who Code and contributor to open-source architecture libraries.

Professional Experience

Lucid Motors | Solutions Architect / Tech Lead

Feb 2023 - Present

- Spearheaded the architecture and delivery of Lucid Financial Services platforms, reducing release cycles by 30% and enabling faster innovation within regulatory frameworks.
- Managed a global team of 30+ engineers (frontend, backend, QA, DevOps), aligning day-to-day execution with long-term product and business strategy.
- Reported directly to the Head of Technology, providing regular program updates, architecture briefs, and risk mitigation strategies.
- Acted as the primary liaison between engineering and business stakeholders, facilitating alignment across Finance, Product, and Operations teams.
- Led architectural reviews, defined scalable standards (Clean Code, SOLID), and built reusable patterns to accelerate development velocity.
- Addressed EV-specific challenges like system integration with proprietary vehicle data platforms, rapid scaling demands, and compliance with financial service regulations.

- Championed mentorship programs across LATAM, growing junior developers into technical leads and fostering a culture of architectural ownership.

Wizeline | Sr. Engineer & Solutions Architect

Oct 2021 – Feb 2023

- Partnered with Product and Design to ensure seamless feature launches on ReactJS front- end and NodeJS backend.
- Facilitated onboarding for new hires, conducted workshops on clean code and scalable architectures.
- Drove sprint planning, retrospectives, and velocity improvements while balancing technical debt with feature demands.

Rooftop Ventures | Enterprise Architect

Dec 2020 – Oct 2021

- Oversaw delivery of all web-based projects, managing timelines, developer productivity, and architecture decisions.
- Acted as central point of contact for stakeholders, managing expectations and reporting program status.
- Delivered containerized deployments via Jenkins pipelines and NGINX-based hosting infrastructure.
- Integrated real-time features via WebSocket and ensured PWA capabilities for cross-device UX.

Walook | Solutions Architect / Tech Lead

Dec 2018 – Nov 2020

- Delivered an enterprise survey platform by managing feature development from planning to production.
- Actively engaged with client product owners to gather requirements and manage delivery sprints.
- Built features using Laravel and VueJS, and contributed to architecture documentation and QA.

Tech Stack

- Cloud/Infra: AWS, Docker, Jenkins, Linux Server, NGINX.
- Frontend: ReactJS, HTML/CSS, Typescript.
- Backend: NodeJS, NestJS, Express, MongoDB, MySQL, PostgreSQL.
- Standards: Agile/SCRUM, Clean Code, SOLID Principles, Design Patterns, Domain Driven Design.
- Program Tools: Jira, Confluence, Markdown, Miro, Trello, Slack, Microsoft Teams.

Languages

Spanish (Native) | English (B2) | French (A1)

Education

- Bachelor of Education in Computer Science

Links

- React Architecture Proposal: <https://isan1989.medium.com/frontend-architecture-proposal-using-react-bbe49cf2209e>
- Backend Architecture Guide: <https://github.com/isan26/backend-architecture>
- Reqmate HTTP TS Library: <https://www.npmjs.com/package/reqmate>

- TypeScript UI Library: <https://www.npmjs.com/package/@blitzui/core>
- LinkedIn Profile: <https://www.linkedin.com/in/isan-rodriguez/>
- Women Who Code Docker Talk: <https://github.com/isan26/dockertalk>