CURRICULUM VITAE

Arturo Jiménez de los Galanes Reguillos

Staff-level Software Architect · System Design · Technical Strategy · Cross-Team Architecture · AI Engineering

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Staff-level Software Architect with 25+ years of experience in system design, architecture, and technical leadership. Experienced in defining reference architectures, reusable platform capabilities, and engineering standards adopted across multiple teams and applications. Current focus includes Platform Architecture, AI Engineering, LLM integration, RAG-based systems, and AI agents.

PROFESSIONAL EXPERIENCE

Senior Software Architect

JUN 2022 — PRESENT

Movilok · Moeve · Madrid, Spain

- Designed and developed an audit log analysis system with an integrated AI agent, combining structured audit data with LLM-based analysis for operational and security event investigation, contextual reasoning, traceability, observability, and maintainability.
- Defined reference architectures and reusable technical capabilities adopted across 10+ initiatives and approximately 5 engineering teams.
- Designed shared components for authentication, structured logging, observability, access control, and feature enablement.
- Guided internal teams and external vendors on architecture adoption, technical trade-offs, and integration decisions.
- Designed and contributed to reusable GenAI capabilities for mobile and web applications, including LLM integration and RAG-based conversational experiences.
- Improved application observability and traceability through Datadog integration libraries and dashboards across mobile and web solutions.
- Integrated Kiuwan and SonarQube into CI pipelines and supported application distribution workflows through Appcircle.
- Collaborated with Security, CI/CD, backend, and platform teams to drive consistent adoption of shared capabilities and reduce duplication.
- Led architecture decisions involving offline capabilities, Firebase, AWS Amplify, and custom solutions, balancing complexity, cost, and maintainability.

Product Development Engineer

JAN 2015 — JUN 2022

Movilok · Madrid, Spain

- Helped evolve the company from a project-based model toward reusable product capabilities and internal platforms.
- Led architecture and technical development of interactive digital signage solutions connecting mobile devices with large-format displays.
- Worked across engineering, product, business, and client-facing functions to shape features and product direction.
- Presented solutions internationally and contributed to commercial and technical discussions with clients and partners.
- Contributed to a product recognized with 2nd place at the DSE Apex Awards in Las Vegas.

Mobile Solutions Engineer

MAR 2006 — JAN 2015

Movilok · Madrid, Spain

- Designed and delivered mobile and web solutions for BBVA, Bankinter, Mutua Madrileña, the Spanish Government, and Moeve, combining hands-on engineering, technical leadership, project delivery, and stakeholder coordination.
- Contributed to BBVA mobile banking applications and applications for subsidiaries across multiple countries.
- Progressed from hands-on development into technical leadership, project ownership, and team coordination.
- Worked directly with clients to define requirements, technical approaches, and delivery plans.
- Supported hiring, onboarding, and engineering team growth as the company scaled.

Software Engineer → Project Manager

OCT 1999 — MAR 2006

Soluziona · Unión Fenosa Group · Ciudad Real, Spain

- Progressed from Junior Software Developer to Senior Software Developer, Team Leader, and Project Manager, taking on increasing technical, team, and delivery responsibilities.
- Led development teams and coordinated enterprise software initiatives, combining hands-on engineering with project planning and stakeholder communication.

- Contributed to Definete, a platform for dynamically generating personalized, device-adaptive web portals, working primarily with Java/J2EE.

EDUCATION

Master's Degree in Computer Engineering

SEP 1999 — JUN 2008

Universidad de Castilla-La Mancha · Ciudad Real, Spain

Bachelor's Degree in Computer Engineering

SEP 1996 — SEP 1999

Universidad de Castilla-La Mancha · Ciudad Real, Spain

CERTIFICATIONS

LLM Engineering

JAN 2025 — APR 2025

Ligency Team · Ed Donner

Competent Communicator / Competent Leader

SEP 2014 — SEP 2017

Toastmasters International

TECHNICAL EXPERTISE

Architecture

System Design · Software Architecture · Platform Architecture · Distributed Systems · API Design · Technical Strategy · Architecture Governance

Cloud & platforms

AWS · Google Cloud · Azure

Frontend & mobile

Vue.js · React.js · iOS · Android · Mobile/Web Application Architecture

Observability & delivery

Datadog · SonarQube · Kiuwan · CI/CD · Appcircle

Leadership & collaboration

Technical Leadership · Cross-Team Collaboration · Stakeholder Management · Mentoring · Client Communication

Languages & backend

Node.js · TypeScript · Java · Python

AI engineering

LLMs · RAG · AI Agents · Embeddings · LLM Integration · GenAI Architecture · Open-Source Models · Fine-Tuning

LANGUAGES

Spanish (native) · English (professional working proficiency)

BEYOND ENGINEERING

COMPETITIVE ATHLETICS

Discipline, preparation, and the quiet satisfaction of getting a little better. Sport keeps me grounded and reminds me that progress is a practice.

MAGIC & PERFORMANCE

As a semi-professional magician, I love creating moments that make people question what's possible. A different kind of problem-solving, with an audience.

MUSIC & CREATION

Guitar, piano, and a little music production. A space to experiment, listen closely, and make something just for the joy of it.

LIFELONG LEARNING

I'm fascinated by learning itself: how we understand, remember, and connect ideas. Curiosity is the common thread in everything I do.