



Mariano Martín Fresno

Technical Leader | Engineering Manager | Distributed Systems & Cloud Architecture

📍 Argentina ✉️ mariano@fresno.ar ☎️ 011 15-6250-2232 🌐 mnofresno
🌐 mariano-martin-fresno

Summary

Technical Leader and Engineering Manager with 15+ years of experience leading teams, designing scalable architectures, and improving delivery through automation. Strong background in engineering leadership, system design, mentoring, and cloud infrastructure for products with real operational complexity.

Experience

- Dec 2019 – Dec 2024 **Staff Engineer / Technical Leader**, Avature – Argentina
- Technical leadership across multiple teams, platform ownership, and engineering excellence.
- Led a team of 4 engineers, conducting code reviews, hiring interviews, and performance reviews
 - Owned and architected API platform with automatic OpenAPI specification generation
 - Designed and implemented infrastructure using Kong API Gateway and Kubernetes
 - Established observability practices with Grafana, Prometheus, and ELK stack
 - Automated infrastructure with Puppet and Terraform
 - Technical leadership across data and platform teams
 - Mentored engineers and established best practices
- Jan 2011 – Jan 2016 **CEO & Co-Founder**, Catálisis Desarrollos e Instalaciones – Colegiales, Capital Federal, Argentina
- Founded and led engineering company, managing teams, business operations, and technical projects.
- Founded and led engineering company with full business management (sales, HR, finance)
 - Team coach and complete formation of engineering teams
 - Technical leadership in software and hardware development projects
 - Managed IT infrastructure projects and client relationships
 - Established development practices and free software migration strategies

- Aug 2025 – present **Customer Success Engineer / Senior Full Stack Developer**, Healthee – Buenos Aires, Argentina
- Technical enablement and leadership for customer success engineering, platform decisions, and delivery improvements.
- Technical leadership in customer-facing engineering
 - Architecture decisions for microservices and cloud infrastructure
 - Mentoring and knowledge transfer to customer success teams
 - Workflow automation and delivery improvements for healthcare applications
 - Directed system design for scalable healthcare platforms on AWS
 - Strategic use of AWS Secrets Manager and DynamoDB for secure operations
- Dec 2024 – Aug 2025 **Senior Software Engineer**, Proofpoint – Cupertino, CA, United States
- Technical leadership in large-scale cybersecurity systems design.
- Architecture design for distributed systems using Kafka and Flink
 - Cloud infrastructure strategy and automation
 - Security-focused system architecture

Education

- 2008 – 2012 **Universidad de Buenos Aires**, Licenciatura (40% completed) in Physical Sciences – Buenos Aires, Argentina
- 2012 – 2013 **Universidad de Buenos Aires**, Licenciatura (Introductory studies) in Philosophy – Buenos Aires, Argentina
- 1999 – 2005 **República Francesa**, Electronic Technician in Electronics and Communications – Argentina

Skills

Leadership & Management: Team leadership, technical mentoring, code reviews, hiring, performance reviews

Architecture & Design: System design, distributed systems, microservices, API design

Cloud & Infrastructure: AWS, Kubernetes, Docker, Terraform, Infrastructure as Code

Observability & DevOps: Prometheus, Grafana, ELK, CI/CD, GitHub Actions

Programming Languages: Python, TypeScript, JavaScript, PHP, Java

AI & Automation: Cursor, Antigravity, OpenCode, Codex, Ollama, GitHub Copilot, Prompt Engineering

Data & Streaming: Kafka, Flink, EMR, DynamoDB, PostgreSQL

Languages

Spanish (Native)

English (Professional Working)