Sebastián Iglesias

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Professional Summary

Senior Software Engineer with 9+ years of experience designing and scaling distributed backend systems, cloud architectures, and user-facing products. Track record spanning MuleSoft (Salesforce) and fast-growing venture-backed startups delivering resilient microservices in Java, Scala, Python, TypeScript, and Go/Cloud native ecosystems. Strong background in system design, CI/CD, and event-driven architectures, combined with academic lecturing in Computer Engineering.

Experience

Software Engineer June 2025 – Present
Allaria+ *Buenos Aires, Argentina*

- Architect and scale distributed fintech services in Python (FastAPI, Django), Scala (Tapir, http4s, Cats), and Java (Spring), supporting core financial reconciliations and high-volume operations.
- Implemented an automated crypto trading platform (buy/sell) integrated with core ledgers and liquidity providers.
- Enhanced cloud observability across services with AWS CloudWatch, OpenTracing, and Terraform, proactively lowering MTTR.
- Contributed to shared engineering core libraries and cross-platform mobile interfaces in React Native.

Founding Software Engineer March 2025 – June 2025
Autonoma AI *Buenos Aires, Argentina*

- Architected scalable cloud infrastructure on GCP and Kubernetes for AI-driven automated testing pipelines.
- Built low-latency TypeScript microservices integrated with OpenAI APIs to generate and self-heal end-to-end tests dynamically.

Software Engineer (Remote) July 2022 – March 2025
Caribou *United States (Remote)*

- Led fullstack engineering initiatives using React, Node.js, and TypeScript with functional programming on GCP.
- Collaborated with US founders and stakeholders to architect core product features and lead development sprints.
- Hardened CI/CD automation and built end-to-end test infrastructure with Playwright, significantly improving deployment velocity.

Senior Software Engineer (Promoted from Associate) December 2017 – July 2022
MuleSoft, a Salesforce company *Buenos Aires, Argentina*

- **MuleSoft RPA (Senior SE, 2021–2022):** Re-architected core legacy services into resilient Spring Boot microservices interacting with PostgreSQL via Liquibase migrations across multiple cross-functional departments.
- **Anypoint DataGraph (SE, 2020–2021):** Engineered distributed query orchestration backends in Java/Spring and web clients in React/TypeScript, allowing customers to unify enterprise APIs into a single GraphQL data layer.
- **Anypoint Monitoring Platform (Associate SE, 2017–2020):** Developed real-time telemetry backends using Scala (Akka), Java, and Elasticsearch. Provisioned multi-region AWS cloud infrastructure via Terraform, Spinnaker, and Jenkins.

Head Teaching Assistant (Jefe de Trabajos Prácticos) February 2023 – Present
Universidad Austral, School of Engineering *Buenos Aires, Argentina*

- Coordinate syllabus and lead practical coursework for 3rd-year engineering students in Laboratory I & II, mentoring teams through real-world software engineering lifecycles (system architecture, CI/CD, and agile deliveries).

Education

ITBA (Instituto Tecnológico de Buenos Aires) Buenos Aires, Argentina
Postgraduate Specialization in Data Science *2020 – 2021*

Universidad Austral Buenos Aires, Argentina
B.S. in Computer Engineering (Ingeniería en Informática) *2014 – 2018*

Technical Skills

Languages: Java, Python, TypeScript, JavaScript, Scala, SQL (PostgreSQL), Kotlin, Bash, PHP
Frameworks & Libraries: Spring Boot, FastAPI, Django, React, Node.js, Express, Cats, Http4s, Tapir, Playwright, React Native
Cloud, DevOps & Storage: AWS, GCP, Kubernetes, Docker, Terraform, CI/CD (GitHub Actions, Jenkins), Elasticsearch, Redis
Architectures & Paradigms: Distributed Systems, Microservices, Event-Driven Architecture, Functional Programming, REST, GraphQL