

# SEBASTIÁN IGLESIAS

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## PROFESSIONAL SUMMARY

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I am a seasoned Software Engineer with over eight years of experience designing and developing robust, scalable systems across cloud, back-end, and front-end technologies. With expertise in functional programming using React, Node.js, and TypeScript, I have led impactful projects that improved CI/CD pipelines and customer experiences, driving measurable growth. Additionally, my work with data-driven systems and microservices using Java, Spring, and PostgreSQL has honed my ability to deliver innovative solutions to complex challenges. I am seeking opportunities to leverage my technical and leadership skills to build transformative software products and contribute to a forward-thinking organization.

## EXPERIENCE

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### Teaching Assistant

*Universidad Austral*

Februaury 2023 – Present

*Buenos Aires, Argentina*

- Preparing and giving classes, assignments and exams to software engineering students.
- Introduction to Programming 1 (1st-year students): Basic Python and programming principles, use of a standard POSIX terminal, git, and GitHub
- Laboratory I and II (3rd-year students): Teaching to develop a software project, covering all stages from conception to implementation and testing. Students work in groups and propose real-life software projects, using "use case analysis" to define requirements and create an implementation schedule. The course evaluates progress through two partial deliveries, where each group showcases their use case implementations using the developed software.

### Software Engineer

*Allaria+*

June 2025 – Present

*Buenos Aires, Argentina*

- Maintained and enhanced existing services written in Python (Django, FastAPI), Scala (Tapir, http4s, Cats), Java (Spring), TypeScript (Node.js), and PHP (CodeIgniter), scaling systems to support a growing client base by adding monitoring and open tracing using AWS/CloudWatch and Terraform. Developed internal tools for the Finance team, improving processes such as reconciliations, onboarding, checks, trade tickets, and receipts. Implemented a cryptocurrency trading platform (buy/sell) integrated with Allaria+ core systems. Improved and extended shared engineering libraries and contributed to web and mobile UI development using React Native.

### Founding Software Engineer

*Autonoma AI*

March 2025 – June 2025

*Buenos Aires, Argentina*

- Designed and implemented new AI-powered testing features that significantly improved customer outcomes. I used GCP, Kubernetes and microservices to build scalable infrastructure, using TypeScript for back-end services and integrating OpenAI to improve test generation and validation.

### Software Engineer

*Caribou*

July 2022 – March 2025

*Remote role*

- Designed, documented, led and developed numerous features spanning CI/CD pipelines, cloud services in GCP, front and backend tasks using React, Node.js, Typescript and Express (emphasizing a functional programming approach). Established and implemented various types of tests using Playwright to ensure the robustness of the product. Worked closely with founders and clients to better understand their needs, to later define, lead a software development team, and implement key product features with them, driving significant growth in our customer user base.

### Senior Software Engineer

*MuleSoft, a Salesforce company*

December 2017 – July 2022

*Buenos Aires, Argentina*

- Senior Software Engineer: Developed Mulesoft RPA, adapting a legacy codebase to Mulesoft's coding style. Used Java and Spring microservices that interacted with a Postgresql database with migrations managed by Liquibase interacting with different engineering departments. (Jul 2021 – Jul 2022)
- Software Engineer: Developed Anypoint's Datagraph in an engineering team following agile methodologies, developing front-end and back-end services. In conjunction with my team, we developed REST services using Java and Spring as well as web clients with React, Redux, and Typescript. Developed integration tests using Testcafe. (Feb 2020 – Jul 2021)

- Associate Software Engineer: Developed Monitoring Platform inside Mulesoft's Anypoint Platform in an engineering team following agile methodologies, developing front- and back-end services. In conjunction with my team, we developed REST services using Scala, Akka, and Java and several types of databases, as well as web clients with React, Angular, and Typescript. Which were deployed in the AWS cloud via tools such as Terraform, salt, spinnaker, and Jenkins. For Monitoring purposes, I have worked with the elastic search stack and set up scripts on Python and bash.

## Information Technology Teacher

April 2016 – December 2016

*FINES*

*Buenos Aires, Argentina*

- Worked as a teacher in IT for an accelerated high school course for adults under the FINES plan. I planned and gave night classes to both adults and teenagers.

## Volunteer

March 2015 – May 2015

*Entrepreneur 4 Entrepreneur*

*Buenos Aires, Argentina*

- Volunteer in consulting and IT area. Studied and applied LEAN startup methodologies to assist other entrepreneurs and also did some web development for the consulting company.

## IT Manager

August 2014 – February 2015

*I-Gen Latam*

*Buenos Aires, Argentina*

- Computer repairing, MySQL database management, PHP and web development and maintained a legacy report generation system.

## PROJECTS

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### Informatica Solidaria | NGO organization

September 2015 – September 2017

- Founded Informatica Solidaria, an organization that received old electronics, repaired and donated them to educational organizations in Pilar, Buenos Aires, Argentina.

## EDUCATION

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### ITBA University

*Postgraduate Course, Data Science specialization*

Buenos Aires, Argentina

*Aug. 2019 – Aug. 2020*

### Austral University

*Master in Software Engineer*

Buenos Aires, Argentina

*Feb. 2014 – Dec. 2018*

## TECHNICAL SKILLS

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**Lenguajes:** Java, Python, SQL (Postgres), JavaScript, HTML/CSS, R, Typescript, Scala, Bash, PHP, Kotlin

**Frameworks/librerias:** React, Node.js, FastAPI, Django, JUnit, Spring, Express, PostHog, Tapir, Http4s, Cats

**Herramientas de Desarrollador:** Git, GitHub, Docker, Jenkins, CircleCI, Google Cloud Platform (GCP), AWS, IntelliJ, Kubernetes, Nginx, Redis, Dynamo