

Geronimo Perez Salas

Senior Software Engineer



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Hi there, I am an experienced professional with over a decade of technical leadership in cross-industry environments. Proven track record of guiding high-performing engineering teams through complex product development cycles while delivering operational excellence.

I combine strong programming expertise with strategic vision, successfully delivering innovative solutions across multiple business domains, mentoring junior engineers, and implementing scalable architecture that supports business growth.

EXPERTISE

Signal Limited | *Head of Technology*

6 years: May 2019 - Present (remote) London

Driving the development of data-driven SaaS solutions for aviation and maritime fuel efficiency, integrating real-time sensor data from vessels and aircraft. Leveraging AI models in production with MLFlow to generate actionable insights, enabling 6 companies to collectively save more than 40 metric tons of CO₂ in the last years.

Designed and implemented a highly scalable medallion pipeline within a Databricks Data Lakehouse, optimizing PySpark-based ingestion to achieve 3x performance improvements while reducing infrastructure costs by 20%.

Managing cross-functional teams, ensuring seamless collaboration between software engineering and data science.

Spearheaded the transition of the customer-face webapp backend to a microservices-based architecture on AWS, enhancing scalability and significantly improving application load times.

LuckyApp | *Senior Software Engineer*

3 months: Feb 2021 - May 2021 (remote part-time) Egypt

Built a new B2B reward-based employee engagement platform from the ground up, implemented with ReactJS and NestJS in AWS.

Agnos Inc. | *Senior Software Engineer*

1 year: Oct 2018 - Ago 2019 (remote) Miami

Conducted technical interviews to assess and onboard new talent, while driving the adoption of emerging technologies and system enhancements at Agnos, fostering innovation in data engineering and cloud computing.

Additionally, contributed as a Senior Software Engineer at CareCloud, leading UX improvements for the Practice Management Control Center, enhancing usability and efficiency.

SKILLS

Technical Leadership

Full-Stack Development

Data Engineering

Python / NodeJS

SQL / NoSQL

CI/CD Automation

Agile Development

Databricks

ML/AI

AWS

LANGUAGES

Spanish: Native

English: Advanced (C1)

EDUCATION

Bachelor's Degree in Systems Engineering from UTN-FRT

ProLabs | Co-Founder + Principal Software Engineer

4 years: Feb 2016 - Sep 2020 (on-site) Tucuman

Led the development of multiple SaaS projects, focusing on scalability and high performance for SMBs in Argentina.

Designed and implemented 8 different cloud-native solutions using ReactJS and Node.js on AWS, ensuring reliability and efficiency.

Resolvit LLC. | Full Stack Engineer

1 year: Oct 2017 - Oct 2018 (remote) Buenos Aires

Worked as part of the API team at Placester Inc., developing and optimizing backend services for a B2B SaaS real estate platform, migrating legacy Java services to NestJS microservices in AWS Lambda, ensuring cost-efficient API integrations and seamless operations from the broker websites.

VMN+ | Full Stack Developer

2ys 4mon: Jun 2015 - Oct 2017 (on-site) Buenos Aires

Worked as a Software Engineer across three projects (Primary Insight, eBillity, and Valeta) within the same parent company, developing full-stack applications using AngularJS, Java, C#, and Salesforce.

Operated in a high-pressure, fast-paced environment, working 1-to-1 with the CTO to deliver immediate results. This role provided a steep learning curve and valuable experience in adaptability, problem-solving, and rapid development.

Led the entire software development lifecycle (SDLC), from requirements gathering to deployment, ensuring efficient and effective software delivery.

Viveo Group | Junior Frontend Developer

3 months: May 2015 - Jul 2015 (remote part-time) Tucuman

Worked as a part-time developer, contributing to the development of UI modules for a public bus tracking app in my local city. Focused on enhancing user experience and real-time tracking features, ensuring a seamless and intuitive interface for commuters.

Globant | Junior Backend Developer

8 months: Sep 2014 - Jun 2015 (on-site) Tucuman

Contributed to the backend development of Sears.com, focusing on API integrations in Java and optimizing data pipelines using Apache Kafka and Apache Storm. Improved data processing efficiency and real-time analytics, enhancing system performance and scalability.