



Mariano Zunino

Sr. Backend Eng. - Software Architect

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Work Experience

STUZO & PAR

Software Architect

Dec. 2023 - **Present**

- Lead architecture initiatives, driving the adoption of modern software design principles and technologies.
- Evaluate new features feasibility, resulting in streamlined development and increased product quality.
- Collaborate with cross-functional teams to align technical solutions with business objectives.

Software Engineer

Jan. 2023 - Dec. 2023

- Designed and maintained software applications using Nest.js, Typescript, GraphQL, Kubernetes, and AWS.

VAIRIX

Senior Backend Engineer

May 2021 - Jan. 2023

- Led multiple roles including Tech Lead and Architect for projects like PoliticalIQ (Nest.js, TypeScript, AWS).
- Contributed to Seekr (Java, Spring, Kafka) and Vooks (Node.js, AWS Lambda, Kubernetes) client projects.
- Conducted technical interviews and mentored developers on modern backend technologies.

NUBCEO

SSr. Backend Developer

Feb. 2020 - May 2021

- Designed microservices for payment platform data aggregation using Node.js, TypeScript, MongoDB, and AWS.

ANTEL

Software Developer

Apr. 2019 - Feb. 2020

- Specialized in writing adapters to facilitate seamless communication between diverse systems.
- Focused on Kubernetes deployment, ensuring scalability and reliability of software applications.

IT Support / Admin

Oct. 2010 - Apr. 2019

- Provided comprehensive IT support for hardware and software, maintaining Linux OS images and managing OCS.
- Ensured smooth operation of IT systems, contributing to enhanced productivity across the organization.

Teaching & Consulting

UTU/FING (PART-TIME)

Montevideo, Uruguay

University Professor

Aug. 2023 - **Present**

- Conduct workshops on the .NET framework and provide personalized guidance to university students.

GRUPO ELIS (PART-TIME)

Architect

May 2024 - **Present**

- Designed and migrated application for comprehensive conference management and event registration systems.
- Led technical stack modernization using Golang, TypeScript, Node.js, PostgreSQL within a monorepo architecture.

HACK ACADEMY (PART-TIME)

Montevideo, Uruguay

Node.js Professor

Sep. 2021 - Jan. 2023

- Instructed individuals with varying programming knowledge levels on Node.js.
- Provided personalized mentorship to students, fostering their growth and understanding of Node.js concepts.

NUBCEO (PART-TIME)

Technical Consultant

May 2021 - 2023

- Provided expert guidance and support, conducting tech and code reviews for development teams.
- Engaged in sporadic development projects, including proofs of concept, to explore new technologies and solutions.

Education

TECNÓLOGO EN INFORMÁTICA

Facultad de Ingeniería, Universidad de la República

2018 - 2021

- Specialized in software development and information technology.

BACHELOR IN IT

ITI, Universidad del Trabajo de Uruguay

2008 - 2011

- Focused on fundamental IT concepts and practical applications.






C1 ADVANCED CERTIFICATE

Anglo

2024

- Advanced English proficiency certification (CEFR C1 level).

Skills

-  **Languages** TypeScript • JavaScript • Go • Java • C# • GraphQL • REST • gRPC • WebSockets
-  **Backend** Nest.js • Express • Spring • .NET Core • PostgreSQL • MongoDB • Redis • Neo4j
-  **DevOps** AWS • Docker • Kubernetes • Terraform • CI/CD • Git • Linux • Shell scripting
-  **Messaging** Kafka • RabbitMQ • ActiveMQ • SQS
-  **Languages** Spanish (Native) • English (C1)