Mariano Zunino

Sr. Backend Eng. - Software Architect

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Work Experience

PAR Retail
Philadelphia, US

SOFTWARE ARCHITECT — *Dec 2023 - **Present***

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

SOFTWARE ENGINEER — *Jan 2023 - Dec 2023*

- Designed, developed, and maintained software applications.
- Utilized technologies such as Nest.js, Typescript, GraphQL, Kubernetes, RabbitMQ to deliver robust solutions.
- Collaborated with team members to implement best practices and ensure code quality.

UTU/FING (part-time)
Montevideo, Uruguay

UNIVERSITY PROFESSOR — *Aug 2023 - **Present***

- Conducted engaging workshops focused on the .NET framework
- Provided personalized guidance to students, fostering their understanding and mastery of complex concepts.

Vairix
Montevideo, Uruguay

SENIOR BACKEND ENGINEER — *May 2021 - Jan 2023*

- Led as Sr. Backend Engineer, Tech Lead, and Architect, driving project success from inception to completion.
- Guided the adoption of modern technologies like Nest.js, Typescript, AWS, RabbitMQ
- Conducted job interviews and mentored new developers.

TECH LEAD & ARCHITECT (PoliticalIQ)

- Led PoliticalIQ's backend team
- Designed and implemented the architecture of the backend system.
- Used technologies like Nest.js, Typescript, RDS, RabbitMQ, Cognito, etc.

SR. BACKEND DEVELOPER (Seekr)

- Resolved critical bugs in the search engine and news site's system, ensuring uninterrupted service for users.
- Utilized Java 8, Spring, Kafka, RabbitMQ, and Aerospike to address issues efficiently.

SR. BACKEND DEVELOPER (Vooks)

- Contributed to the development of an online video platform, enhancing user experience and engagement.
- Utilized technologies including Node.js, Mux, AWS and K8s, enhancing platform functionality and scalability.

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
Buenos Aires, Argentina

TECHNICAL CONSULTANT (PART-TIME) — *May. 2021 - 2023*

- Provided expert guidance and support, conducting tech and code reviews.
- Led proofs of concept to explore new technologies and solutions.

SSR. BACKEND DEV. *Feb 2020 - May 2021*
- Designed and developed microservices for data aggregation from multiple payment platforms.
- Utilized technologies including Node.js, TypeScript, MongoDB, Postgres, Express, AWS Lambda, S3, SQS, and SES.

Antel *Montevideo, Uruguay*
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.

Skills

Programming	Typescript, JavaScript, Go, Java, C#, C/C++, GraphQL
Back-end	Nest.js, Express, Fastify, Koa, Objection.js, Mongoose, Sequelize, TypeORM, Spring, JavaEE, Micronaut, Apache Camel, Apache Karaf, Junit, Mockito, Net Core, Entity Framework
DevOps	Linux, AWS, Docker, Kubernetes, Helm, Terraform
Databases/Other	PostgreSQL, Mariadb, Redis, Neo4j, MongoDB, Kafka, ActiveMQ, RabbitMQ
Languages	Spanish (Native), English C1 Advanced (Professional Working Proficiency)

Education

Anglo *Montevideo, Uruguay*
C1 ADVANCED CERTIFICATE *2024 - 2024*

Facultad de Ingeniería at Universidad de la República *Montevideo, Uruguay*
TECHNOLOGIST DEGREE IN COMPUTER SCIENCE *2018 – 2021*

Universidad del Trabajo de Uruguay *Montevideo, Uruguay*
BACHELOR IN IT *2008 - 2011*