

Alejandro Arévalo

Software Engineer

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<https://a.arevalo.xyz/>

Information Systems Engineering graduate focused on Software Engineering. Well-rounded in high-level and low-level programming concepts. Experienced in managing non-trivial codebases. Knowledgeable in both development and system infrastructure, the two components for DevOps.

Main Skills

- Programming in C, C++, Python, Java and JavaScript
- Software Engineering
- x86-64 Reverse Engineering
- Software Architecture
- Server Administration
- Database Administration

Language Skills

- Spanish (Native)
- English (Proficient)
- French (Beginner)
- Japanese (Beginner)

Interests

- Physics
- Electronics
- Music
- Videogames
- VR

Work Experience

Intern Software Developer at ITLAB

February 2016 to August 2016

Developed a SPA with AngularJS over J2EE web services. Revised a .NET application. Developed WordPress extensions for the website of the Universidad de Lima Cultural Center.

<https://www.centroculturalulima.com/wp/conocenos/>

Software Engineer and Chief Architect at Qempo

September 2016 to July 2021

Oversaw the development of the backend services for the Qempo Marketplace. Helped in the initial migration to REST web services backed by a RDBMS in TypeScript, then rewrote the project from scratch in Python 3. Lead the backend team in all technical matters, including both application structure and database design.

In this project I worked with Python 3, Flask, TypeScript, SQLAlchemy, CPython C++ API, RabbitMQ, Protobuf and ZeroMQ. I also was in charge of deployment and maintenance on Linux servers, Google GCP and AWS.

<https://www.qempo.com/about-us/>

Senior Python Developer at Globant

August 2022 to February 2023

Python software consulting. Performed responsibilities as an overseas team extension for CH Robinson's data science team. Participated in refactoring of internal services.

In this project I worked with Python 3, FastAPI and SQLAlchemy. The project was structured as Dockerized microservices deployed in a K8S environment.

Implementation Engineer at *e2open*

September 2023 to ongoing

Delivering customer requirements on the GTM Trade Automation application. Working with several high profile clients to fulfill their trade compliance needs.

Education

Bachelor in Systems Engineering at *Universidad de Lima*

September 2013 to December 2017

Achieved the top position in the career ranking for the 2015-2 semester. Valedictorian graduate of the class of 2017-2.

Licensed in Systems Engineering at *Universidad de Lima*

March 2022

Presented a report on the Qempo project.

Open Source

 Github: <https://github.com/alexmikoto/>

 BitBucket: <https://bitbucket.org/alex108/>