ADRIÁN AGÜERO

Backend Developer

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ABOUT ME

I am a computer engineer and software developer with 7 years of experience. Throughout my career, I have worked in various environments and teams, including freelance consulting, startups, and within software factories, which has provided me with a wide range of technical and collaborative skills.

In frontend development, I possess solid knowledge in HTML5, CSS3, JavaScript, and libraries such as ReactJS, EmberJS, TailwindCSS, and Bootstrap. In backend development, I have experience with technologies like RubyOnRails and Spring/Java in designing business rules, implementing APIs, integrating with third-party services (Stripe, OpenWeather, Firebase, Algolia), background processing, and sending transactional emails. I also have experience as a GNU/Linux system administrator, in managing PostgreSQL databases, and in using tools like Docker, and platforms like GCP and AWS.

I am passionate about challenges, as I consider them an opportunity to grow and improve. I enjoy solving problems and working in a team. I am committed to continuous learning, open to feedback, and enthusiastic about sharing knowledge with my colleagues.

WORK EXPERIENCE

Ssr Backend Developer — Lemu

January - December 2023

Lemu is a startup with challenging and innovative goals in the environmental sector that provides conservation services through an app. I contributed to the migration of their backend technological stack, assisted in error correction, and developed new features.

Achievements:

- Successful migration of the technological stack from CloudFunction to RoR API.
- Increased test coverage from 0 to 65%.
- Integration with third-party APIs (Stripe, OpenWeather, Firebase).
- Actively collaborated on the functionalities necessary for production deployment.
- Led the initiative for multi-language support.

Technologies Used:

`RoR 7` `Firestore (GCP)` `HTML/CSS/JS` `Stimulus` `PostgreSQL 14` `Stripe` `Swagger`

FullStack Developer — Integradevs Software Solution

2016 - 2023

Integradevs is a software consulting firm with over 20 years of experience. I collaborated as a full-time software developer on various projects.

I was also responsible for the control and maintenance of web servers and databases. In addition, I performed DBA tasks such as database queries and implementation of disaster recovery mechanisms.

Achievements:

- Automated installation of test and production environments using Ansible.
- Deployment of the application to production for hundreds of concurrent users.
- Enhancement of metrics in a distributed system by adding OpenTelemetry.

Technologies Used:

`RoR 4` `JRuby 9.1` `Tomcat 8.5` `PostgreSQL 9` `HTML5/CSS3/JQuery` `Linux` `Ansible` `Django`

SKILLS

Frontend

ReactJS

HTML/CSS/JS

JavaScript

Backend

Ruby/Rails

Java/Spring

Python/Django

Technologies

GNU/Linux

PostgreSQL

Ansible

EDUCATION

Computer engineering
Universidad Nacional de Itapúa, Paraguay.
2011 - 2023

Computer engineering
Exchange student ERASMUS MUNDUS,
Universidad de Salamanca, Spain.
2014 - 2015

Computer engineering
Exchange student AUGM, Universidade Federal de Sao Carlos, Brazil.
2014

AWARDS

🏆 **Champion in the Mathematics Olympiad**
Año 2009.

FullStack Developer

Freelancer

2021 - 2022

I worked as a part-time full-stack developer for a local project, which eventually evolved into a SASS product for city businesses.

Achievements:

- Creation of a SASS from scratch.
- Launch to production and usage by clients.

Technologies Used:

`RoR 6` `EmberJS 13` `Heroku` `Bootstrap 5` `PostgreSQL 14`

HOBBIES

CrossFit
Cycling
Trips
Cook

LANGUAGES

Spanish (Native)

English (A2/B1)

Portuguese (A2/B1)