



ADRIÁN AGÜERO

Fullstack Developer and Indie Creator

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ABOUT ME

Hello! I am a **software engineer** with more than 7 years of experience in software development. I consider myself a skilled and very passionate problem solver because, regardless of the complexity or technology used, I focused on building solutions appropriate to the client/user requirements and that are maintainable over time.

During these years I held different roles such as **backend developer**, fullstack developer, user support. I have accumulated experience in different technologies, both frontend and backend, I have worked in small and large teams. I've run entire initiatives on my own or helped junior co-workers get started. I like to learn and share my knowledge. I believe that teamwork and communication are essential to achieve great things.

I am currently developing my own side project from which I learn many new concepts such as building based on user feedback, releasing high-impact functionalities periodically, etc.

WORK EXPERIENCE

Senior Full Stack Developer

MAWI

Jul 2024 - Present

Mawi is a Costa Rica-based startup that offers a SaaS for budget management in the construction industry.

Achievements:

- Implementation of new AI functionalities for process automation (PDF data extraction, Embeddings, etc).
- Evolutionary development of new features.
- Implementation of tests in rspec.
- Bug fixing.
- Research, proposal and development of new features.

Technologies used:

RoR 7 Hotwire IA Agents Vibe coding/Cursor Stimulus/Javascript Docker TailwindCSS 3.4 PostgreSQL 16 Sideiq/Redis

FullStack Developer

G DIGITAL

Ene 2024 - Jun 2024

G Digital is a multifaceted company that provides marketing and custom software development services mainly in the e-commerce sector.

Achievements:

- Add new features systems already in production.
- Integration with third-party APIs (Bancard, BIMs, etc.).
- Actively collaborated on the functionalities necessary for production deployment.

Technologies used:

RoR 7 Stimulus GCP HTML/CSS Javascript Docker Bootstrap 5 PostgreSQL 12 Bancard API

Ssr Backend Developer

Lemu Global Ltd

Jan 2023 - Jan 2024

Lemu is a UK startup 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.
- Deployment of the application to production.

Technologies used:

RoR 7

Stimulus

GCP

Firestore

HTML/CSS

Javascript

Docker

TailwindCSS 3.4

PostgreSQL 14

Stripe

Swagger

Fullstack Developer

Integradevs SA

Jul 2016 - Dec 2022

Integradevs is a software factory for clients from the United States and Paraguay. I collaborated as a full-time software developer on projects of different sizes.

Achievements:

- Automated installation of test and production environments using Ansible.
- Deployment of the application to production.
- Enhancement of metrics in a distributed system by adding OpenTelemetry.
- Implementation of disaster recovery mechanisms with PostgreSQL [Stream replication].

Technologies used:

RoR 4.2

JRuby 9.1

Linux

Ansible

Tomcat 8.5

PostgreSQL 9.6

HTML/CSS

JQuery 3

Fullstack Developer (Freelance)

Garnet SRL

Jan 2015 - Jun 2016

I worked as a part-time fullstack developer for a company located in Paraguay that wanted to build a SASS product for small business administration.

Achievements:

- Deployment of the application to production.
- Creation of a SASS from scratch.

Technologies used:

RoR 6

EmberJS

PostgreSQL 14

Heroku

PROJECTS

Lead Developer

Millionaires

Oct 2023 - Present

Millionaires is my personal project that seeks to become a personal finance advisor. It is a PWA made from scratch in RoR, hosted on AWS, and receives periodic updates based on user feedback. I am in charge of UX and business logic, database and deployment.

Achievements:

- Authentication with Google Login.
- Using server-side rendered components.
- Web scraping for process automation.
- Use of non-invasive multi-tenant technique.

- Progressive Web App [PWA] Implementation.
- Dockerized project, compiled for ARM architecture for EC2 T4 on AWS.
- Deployed in production environment in AWS.
- Using secure protocol [https] with reverse proxy server.
- Using TailwindCss and Stimulus.
- Integration with OpenAI API.
- Multi language support.
- Performance optimization. Minification and gzip compression of assets via proxy.
- Using Hotwire and Turbo Stream for real time update.

Technologies used:

RoR 7

Hotwire

AWS

RDS

S3

EC2

Esbuid

TailwindCSS 3.4

PostgresSQL 14

Caddy Proxy

Docker

SKILLS & TOOLS

Frontend

React

EmberJS

Stimulus

JavaScript

HTML/CSS/SASS/LESS

TailwindCSS

JQuery

Backend

Ruby/Rails

Java/Spring

Javascript/ExpressJS

PostgreSQL/MySQL/SQL Server

Redis/Mongo/Firestore

Others

DevOps

Code Review

Git/Svn

Unit Testing

AWS

GCP

Docker

NewRelic

Jira

Scrum

API

Stripe

EDUCATION

BSc in Software Engineering

Universidad Nacional de Itapúa, Paraguay. [GPA 4.1/5.0]

Jul 2011 - Oct 2023

Recipient of an academic scholarship for exchange program.

University of Salamanca, Spain.

Sep 2014 - Jul 2015

Recipient of an academic scholarship for exchange program.

Universidade Federal de Sao Carlos, Brazil.

Mar 2014 - Jul 2014

AWARDS

🏆 Honor Student

Recognition for Students with high GPA.

🏆 Champion in the Mathematics Olympiad

LANGUAGE

- Spanish (Native)
- English (B1)
- Portuguese (B1)

INTERESTS

- CrossFit
- Cycling
- Cooking