



# 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

### ● Ssr Backend Developer

Jan 2023 - Dec 2023

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  
PostgresSQL 14   Stripe   Swagger

Lemu Global Ltd

### 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/Firebase

#### Others

DevOps   Code Review  
Git/Svn   Unit Testing  
AWS   GCP   Docker  
NewRelic   Jira   Scrum  
API   Stripe

### ● Fullstack Developer

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.

Integradevs SA

#### 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)

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**

## 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 São Carlos, Brazil.  
Mar 2014 - Jul 2014

## 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**   **PostgreSQL 14**  
**Caddy Proxy**   **Docker**

## AWARDS

#### Honor Student

Recognition for Students with high GPA.

#### Champion in the Mathematics Olympiad

Mar 2009

## LANGUAGE

Spanish (Native)

English (B1)

Portuguese (B1)

## INTERESTS

CrossFit

Cycling

Cooking