

# ALVARO JULIAN TORRES MALLA

## FULL STACK WEB DEVELOPER

Full-Stack Web Developer with 2 years of experience coding in academic and professional environments. Proficient in building APIs with Ruby on Rails using PostgreSQL, Trailblazer, Service Objects, and Doorkeeper. Skilled in elaborating, maintaining, and optimizing Web Applications based on SPA, utilizing React as the framework for the FrontEnd. In my previous experiences I developed strong communication skills, leadership abilities, and effective teamwork techniques. I excel in problem-solving and possess the creativity to find innovative solutions. With a passion for web development and capable of efficiently managing time and resources while continuously seeking opportunities for professional growth.

## PROFESSIONAL EXPERIENCE

### Crack The Code Lima, Perú

Lima, Perú

Programming Instructor

Ago 2023 - Present

- Teaching virtual courses on coding and web application development for children and young learners.
- Designing and developing practical use cases to illustrate the usage of technologies such as ReactJs and Tailwind in web applications.
- Teaching the fundamentals of game development, including design, programming, and art, utilizing a Python-based language, GDScript, as the primary tool.

### Holinsys

Lima, Perú

Full Stack Web Developer (React, NodeJs)

Ago 2023 - December 2023

- Implementing customizable and dynamic components for a frontend application using React hooks and the AntDesign library, with the ability to connect to an API, handle form creation, build and populate dynamic tables, attach files and generate reports.
- Participating in the development of new modules for a logistics request handling API in NodeJs with TypeScript, implementing models using Sequelize, interfaces, services, and controllers that interacted with SQL.
- Developing functions responsible for uploading, building, and downloading Excel or PDF files for APIs.
- Reviewing and optimizing existing code to enhance performance and visual appearance at both frontend and backend, implementing best programming practices.

### Applaudo Studios

San Salvador, El Salvador

Back End Developer (Ruby on Rails, PostgreSQL, Docker)

June 2022 - May 2023

- Developing complex endpoints for APIs using Service Objects and the Trailblazer framework.
- Managing OAuth 2.0 authorization with Doorkeeper and Pundit, and authentication with Devise and JWT.
- Implementing Docker containers for application development.
- Providing maintenance and developing features for the internal API used by the HR web application, focused on storing, filtering, and evaluating candidates for the company.
- Identifying and receiving error reports and resolving issues related to the HR selection platform in communication with department personnel.



## CONTACT



(+51) 995 544 033



alvaro.torres.m@upch.pe



[LinkedIn](#)



[Github](#)



[Portafolio Personal](#)

## TECHNICAL SKILLS

- Programming languages: Ruby, JavaScript, Python, C#
- Frameworks: Ruby on Rails, React, Node.js.
- Databases: PostgreSQL, MongoDB.
- Version Control: Git (metodología GitFlow).
- Software Testing: Unit Testing with Rspec, minitest.
- Cloud Platforms: AWS, Google Cloud Platform.
- API Development and Integration, Object-Oriented Design (OOD) and Design Patterns.

## ADDITIONAL SKILLSS

- Español: Nativo.
- Inglés: Avanzado.
- Microsoft Excel: Nivel Avanzado.

## EDUCATION

### ○ Codeable

Intensive full-stack web development education program (full-time, 6 months)  
2020 - 2021

Lima, Perú

### ○ Universidad Peruana Cayetano Heredia

Licence Degree on Psychology  
*Graduated first in my class*  
2014 - 2018

Lima, Perú

## HIGHLIGHTED PROJECTS

- Reservations API: Developed a Ruby on Rails API using Trailblazer, Doorkeeper, and Swagger to manage a restaurant chain, including manager assignment, scheduling, opening days, and customer reservations.
- Critics: Ruby on Rails website that allows users to leave reviews for video games and companies, with the ability to add new options for reviews. Utilized SCSS for design and Pundit for authorization.
- Store: Developed a Ruby on Rails website and API that simulates online grocery shopping, featuring product selection and payment through Stripe. Implemented authorization with Doorkeeper, authentication and registration with Devise, and design with Tailwind CSS.
- Expensable: React website with custom components, react-router for routing, react-hook-form for forms, custom hooks, and Tailwind CSS. Allows users to organize and track their monthly expenses, with an integrated calculator for precise expense and income recording.



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## ADDITIONAL SKILLSS

- Español: Native.
- Inglés: Advanced.
- Microsoft Excel: Advanced Level.