

# José Pazmiño Fiallos

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*Full-Stack Developer with experience designing and implementing automated CI/CD pipelines that reduced deployment times by up to 50%. I have also led the development of clean, modular architectures based on microservices. On the frontend, I design and build dynamic, user-centered interfaces with robust state management, efficient API integration, and resilient error handling.*

## PROFESSIONAL EXPERIENCE

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### HOUSE OF CULTURE – TUNGURAHUA BRANCH

Intern - (Flutter)

**Ambato, Ecuador**

Apr 2023 – Aug 2023

- Developed a mobile application for the Tungurahua Cultural Center, designed to showcase a curated visual experience of its most notable paintings and provide easy access to the cultural events calendar.

### INTERNATIONAL SCHOOL FOR PROGRAMMERS ENCUBA S.C

Intern - (NestJS, Angular, MySQL, Git, GitHub actions)

**Ibarra, Ecuador**

Aug 2023 – Nov 2023

- Member of the backend development team for a custom school management system built for ITCA Higher Education Institute.
- Configured CI/CD pipelines on Linux servers to optimize continuous integration and deployment processes.
- Defined the application's standardized error-handling strategy and API response format.
- Developed a JWT-based authentication and authorization system with role-based access control.

### INTERNATIONAL SCHOOL FOR PROGRAMMERS ENCUBA S.C

Full-Stack Developer - (NestJS, Angular, MySQL, Git, GitHub actions)

**Ibarra, Ecuador**

Jul 2024–Nov 2024

- Member of the frontend and backend development team for a custom school management system built for ITCA Higher Education Institute.
- Developed custom reports in PDF and Excel formats, featuring advanced filtering capabilities and dynamic layouts.
- Built the image upload module, integrating with cloud storage services for efficient file handling.
- Designed and implemented a user interface for dynamic report generation, including data-type-specific validations and user-configurable options.

### WAYRA BUSINESS

Full-Stack Developer - (NestJS, React, PostgreSQL, Git, Microservices, Docker)

**Orellana, Ecuador**

Dec 2024–Present

- Configured CI/CD pipelines on Linux servers, optimizing the software's continuous delivery and deployment process.
- Designed and implemented a microservices-based architecture to enhance system scalability and maintainability.
- Developed a JWT- and refresh token-based authentication and authorization system with role-based access control.
- Applied a clean architecture approach, ensuring a clear separation of concerns and improving code maintainability.

## EDUCATION

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### UNIVERSIDAD TÉCNICA DE AMBATO

Software Engineer

Ambato, Ecuador

Aug 2024

## CERTIFICATES

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### CSEI 2021

III Conference on Computer Science, Electronics and Industrial Engineering (CSEI2021)

Ambato, Ecuador

Oct 2021

### CSEI 2022

IV Conference on Computer Science, Electronics and Industrial Engineering (CSEI2022)

Ambato, Ecuador

Nov 2022

### GOOGLE STUDY CONFERENCE

Inspiring Study Conference With Google

Ambato, Ecuador

Oct 2022

### CSEI 2023

V Conference on Computer Science, Electronics and Industrial Engineering (CSEI2023)

Ambato, Ecuador

Nov 2023

## PROJECTS

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**PORTFOLIO:** [portfolio-web](#)

### NPM PACKAGE “nestjs-node-onesignal”

- **Description:** NestJS Wrapper for OneSignal Integration. This package provides a seamless integration between NestJS applications and OneSignal, simplifying the delivery of push notifications, emails, and SMS messages via the official @onesignal/node-onesignal SDK. It includes an intuitive notification builder that streamlines the creation of rich, personalized messages—helping you manage content, targeting, and delivery settings with minimal boilerplate.
- **Technologies:** NestJS, TS, NodeJS.
- **Role:** Package maintainer.

### ALARM SYSTEM

- **Description:** “Vivo Vivo” Alarm System. A comprehensive security solution designed to protect individuals at risk through real-time tracking, family group management, and intelligent emergency response coordination. The platform includes an administrative dashboard with detailed crime reporting, geospatial analytics powered by heat maps to optimize resource deployment, and a dedicated mobile application for law enforcement and security agencies—enhancing situational awareness, inter-agency coordination, and decision-making during critical incidents.
- **Technologies:** NestJS 10, TS, NodeJS, PostgreSQL, Sockets, React 18, TailwindCSS, Push Notification, Real Time Location, Power BI.
- Currently migrating to Svelte
- **Role:** Backed, Frontend, DB.

### VIRTUAL GALLERY MOBILE APP

- **Description:** Virtual gallery for the “Casa de la Cultura Tungurahua”. An interactive and accessible digital platform designed to showcase the institution’s art collection. The gallery features a QR code scanner that enables visitors to quickly locate and explore specific artworks on-site, as well as seamless integration with the Casa de la Cultura’s official radio broadcast—enhancing the cultural experience through visual and auditory engagement.

- **Technologies:** Flutter, Dart, Material design
- **Role:** Frontend.

## LEADERSHIP AND ACTIVITIES

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### IEEE “UNIVERSIDAD TÉCNICA DE AMBATO”

**Ambato, Ecuador**

*Dec 2022 – 2023*

- Founding member.
- Impartir clases de programación básica a estudiantes de nivelación
- Organized and managed technology-related social events.

### INTERUNIVERSITY MULTI-ACADEMIC COMPETITION (CIMA)

**Ambato, Ecuador**

*Dec 2022*

- Awarded second place in the competition.
- Leading work groups.
- Academic Recognition of the “Universidad Técnica de Ambato”.

### UNIVERSITY APP TOURNAMENT (Tu App)

**Ambato, Ecuador**

*Jul 2023*

- Finalist of the contest.
- Leading work groups.

## ADDITIONAL SKILLS

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- **Programming:** Svelte, SvelteKit, React, NextJS, Astro, Angular, PostgreSQL, MySQL, Git, NestJS, Flutter, Laravel.
- **Programming Languages:** Javascript, Typescript, Java, C#, Python, Dart, Php.
- **Languages:** Native in Spanish. Medium in English.
- **Interests:** Video Games, Martial Arts, Music.