

Ángel Quiroz

Technical Lead & Full Stack Developer

Ecuador (GMT-5)

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I build software, focusing on web development. My main stack is JavaScript, TypeScript, PHP, React, Next.js, Node.js, Nest.js and related technologies. I have experience working as a freelancer and contract jobs. Looking for new challenges and learning every day to keep improving my skills.

EXPERIENCE

LibelulaSoft, Backend Developer & Technical Lead — (Nov, 2023 - now)

Backend Developer (First 3 months):

- Developed and maintained backend applications in the insurance sector.
- Implemented services and APIs for policy and claim management.
- Collaborated with frontend and QA teams to ensure integration and software quality.
- Utilized technologies such as PHP, Yii2, MongoDB, Docker, Redis and AWS.

Technical Lead (Promoted after 3 months, Current Position):

- Leading projects in the financial sector, coordinating a team of developers.
- Defined software architectures and implementation strategies for financial solutions.
- Supervised code quality and the implementation of development best practices.
- Worked closely with stakeholders to ensure business requirements were met.
- Involved in the planning and execution of projects, ensuring on-time and within-budget deliveries.

Tech Stack: Javascript, Typescript, React.js, Node.js, Next.js, MongoDB, Bitbucket Pipelines, Docker, AWS.

Edgebound, Full Stack Developer & Tech Lead — (Jul, 2022- Abr, 2023)

Full Stack Developer (First 3 months):

- Worked on several backend and frontend applications, APIs, packages, and services orchestrated in a microservices architecture using HCL Commerce as the core.
- Implemented CI/CD flows with GitHub Actions and Bitbucket Pipelines.
- Conducted test automation using Jest, Vitest, Cypress, and Playwright.
- Improved "Developer Experience" in various projects, enhancing deployment and delivery times.

Tech Lead (Promoted after 3 months):

- Led the development team, coordinating backend and frontend projects.
- Defined software architectures and implementation strategies.
- Ensured code quality and adherence to development best practices.
- Collaborated closely with stakeholders to meet business requirements.
- Oversaw project planning and execution, ensuring timely and within-budget deliveries.
- Continued to work on improving the "Developer Experience" and deployment processes.

Tech Stack: Javascript, Typescript, React.js, Node.js, Next.js, MongoDB, HCL Commerce, Jest, Vite, Vitest, Cypress, Playwright, Bitbucket Pipelines, Docker, Jenkins.

Advanced POS Solutions, Full Stack Developer — (Nov, 2021- Jul, 2022)

- Implemented improvements and new functionalities in the backend and frontend of various company applications using VueJS, Ruby on Rails, GraphQL, and MongoDB.
- Led a frontend project from scratch using NextJS, applying a scalable onion architecture. Utilized tools such as:
 - **Restricted Paths with ESLint:** Ensured code quality and adherence to coding standards.
 - **Git Hooks with Husky:** Verified code errors and commit format before committing.
 - **CI with GitHub Actions:** Automated tests before approving a PR or push.
- Improved development workflows and contributed to the overall stability and performance of applications.
- Collaborated closely with cross-functional teams to ensure seamless integration and delivery of features.

Tech Stack: React.js, NextJS, VueJS, GraphQL, Ruby on Rails, MongoDB.

PROJECTS (Freelance)

Urban Recolector System (2020 - 2021)

As part of my graduate thesis, I developed an innovative system to enhance waste collection management for a municipality in Manabí, Ecuador. This system optimized the tracking of collection vehicles, provided real-time location updates, and sent user notifications, leading to a more efficient waste collection process. Key features include:

- **Backend:** Laravel and NodeJS.
- **Frontend:** Angular and Ionic.
- **Integrations:** Google Maps API for real-time map displays, Firebase Cloud Messaging for mobile notifications, and Twilio API for WhatsApp notifications.
- **Result:** Improved operational efficiency and user engagement in the municipal waste collection system.

ITSUP Integrated Management System (2019 - 2021)

Developed a comprehensive system to streamline various processes within an academic institution, covering areas such as:

- **Modules:** Admission, Enrollment, Tuition and Deferred Fees Payments, Electronic Invoicing, Course and Schedule Management, Attendance, and Grades.
- **Backend:** Laravel.
- **Frontend:** Angular.
- **Integration:** Datil API for Electronic Invoicing.
- **Result:** Enhanced administrative efficiency and streamlined academic operations.

Comuna Manager (2018 - 2019)

Created a web application to manage membership-related processes for a social club with over 700 members in Mejía, Portoviejo. Key functionalities included:

- **Modules:** Membership Enrollment, Monthly Payment Management, Meeting Attendance, Collections, and Fines.
- **Backend:** Laravel.
- **Frontend:** Angular.
- **Result:** Streamlined management of member activities and improved financial tracking for the social club.

SKILLS

Programming Languages: Advanced: Javascript, Typescript; Intermediate: PHP, Ruby.

Frameworks and Tools: Advanced: React, Node.js, Next.js, Angular; Intermediate: VueJS, Laravel, Nest.js, Git, Github, Docker, Github Actions, Gitlab CI/CD, Bitbucket Pipelines; Basic: Ruby on Rails.

Database: Intermediate: MySQL, MongoDB, Firebase.

Agile: Jira, Trello, Github Projects

Languages: Intermediate: English; Native: Spanish.

EDUCATION

Universidad Técnica de Manabí – Portoviejo, Manabí, Ecuador. *Informatics Systems Engineer, Oct. 2021*