

Manuel Ríos

Fullstack Software Engineer

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I am a Fullstack Developer with experience building web and mobile solutions, working with both frontend and backend technologies. I have collaborated in ERP systems, e-commerce platforms and real-time dashboards, always looking to deliver efficient, scalable and maintainable solutions. I enjoy learning new tools, solving complex problems and mentoring my teammates.

EXPERIENCE

Fullstack Engineer, LME Agent (Enterprise Resource Planning)

Manzanillo, Colima *June 2024 - Present*

- **Designed and implemented AI Automation** for analyzing PDF and extract data using Angular, Laravel and AWS, improving a lot of pages to manage the automation.
- **Implemented** good practices with the team by discussing documentation and coding patterns.
- Improved UI/UX and optimized API performance by eliminating redundant calls and reducing unnecessary payloads, **collaborating** closely with **designers** to **enhance usability**.
- Participated in more than **30 projects** in an ERP, contributing to both frontend and backend development
- Led performance improvements in Angular using lazy loading and standalone components, also teammates.
- Developed real-time transport monitoring modules with **Google Maps API** and geolocation providers **Samsara** and **Skyguardian**.
- Built APIs and optimized database queries to improve system performance and scalability.
- Provided quick and efficient solutions to production issues that had a big impact on the company
- **Refactored legacy code** by migration from spaghetti code to promises in **typescript** and **php** web apps handling **thousands of users**, reducing technical debt and improving efficiency.

Fullstack Developer Embotelladora Global de Licores SA de CV (Glicorsa) Colima, Mexico *November 2023 - 2025*

- **Led 2 projects** where we designed and built frontend and backend parts of the system.
- **Designed and developed** landing pages, working directly with the client, applying **Context API** for **internationalization** and state management.
- Stack used: **Next.js**, **React**, **Tailwind**, **ShadCn**, **plus AWS** services like **Route 53**, **Amplify** and **S3** for deployment.
- Built the backend logic of an **E-commerce**, including store and dashboard, using **Next.js** API routes and handling states for cart and user sessions.
- References: tequila-velocity.com and glicorsa.com

Ruby On Rails Developer BrightCoders (Internship)

Colima, Mexico *December 2022 - April 2023*

- As a Fullstack Dev we developed and maintained complete web applications.
- Used technologies like **Ruby on Rails**, **PostgreSQL**, **JWT**, **SASS**, **Figma** to cover both backend and frontend needs.
- **Led a team** of 5 people applying agile methodologies like **Scrum** and **Mob Programming**.

Fullstack Developer Universidad de Colima (Social Service)

Colima, Mexico *March 2022 - August 2022*

- Collaborated with the systems team of Universidad de Colima as part of my social service.
- Developed a module for the institutional portal using **React** and **Chakra UI**.
- Helped with backend logic to support the integration of the module into the university platform.

Fullstack Developer BrightCoders

Colima, Mexico *November 2021 - March 2022*

- **Led a team** of 5 people building a mobile app with React Native, Firebase and Google Auth for authentication.
- Worked on **backend** integration using Firebase services for authentication and database.
- Implemented unit testing to ensure code quality and smooth communication between frontend and backend.

Education

Engineering in Internet Technologies	Universidad de Colima	Colima, Mexico 2019 - 2023
Technician Programmer Analyst	Universidad de Colima	Colima, México 2016 - 2019

Skills

- Primary Tech Stack:** TypeScript, JavaScript, React, Angular, Next.js, [Node.js](#), Ruby on Rails, Flask, NestJs, Laravel, Astro, Tailwind, SCSS, Postman.
- DevOps & Cloud:** GCP, AWS, Docker, Github, Bitbucket, Amplify, S3, Route 53, EC2, Git, Laragon.
- Data & AI:** SQL Server, PostgreSQL, MySQL, MongoDB, Open AI, AWS, Textract.
- Soft Skills:** Teamwork, leadership, communication, time management, critical thinking, mentoring, constant and self learning.
- Languages:** Native Spanish, Fluent English (B2 Upper Intermediate).