

Willy Joao Mateo Espinoza

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A passionate Computer Science Engineer specializing in full-stack development, with strong expertise in React, Next.js, Node.js, TypeORM, and PostgreSQL. Proficient in JavaScript, TypeScript, Python and backend frameworks like Express, NestJs and Django, delivering scalable, high-performing applications. Skilled in building seamless, responsive user interfaces using tools like Material UI, Tailwind CSS or Sass. Aspiring to grow as a software architect, designing robust, efficient systems.

PROFESSIONAL EXPERIENCE

Shippify Inc.

FullStack Engineer

Belo Horizonte, Brazil (remote)

September 2022–now

- I contributed to diverse full-stack projects using technologies like React, Next.js, Node.js, Express.js, AWS, Docker, Firebase, and Terraform, significantly enhancing system efficiency, reducing operational overwork, and improving SEO, seamless user experiences, and overall performance.
- I led the migration of the old payments module to a scalable, concurrent architecture, ensuring data integrity and achieving a 90% speed improvement, while enhancing user experience with modern and user-friendly web interfaces.
- I reduced over 24 million manual processes by building automations that can be configured via the UI by system users.
- I developed a module that allows users to visually and interactively manage permissions for their members and companies, significantly reducing support tickets related to granting and denying permissions.
- I improved the driver assignment experience by displaying nearby drivers in real-time within a resizable circle on the map, enhancing user experience and reducing the time operators needed to find the most optimal driver.

Sudamericana de Software S.A.

FullStack Engineer

Guayaquil, Ecuador (remote)

February 2022–August 2022

- I enhanced the performance of many company products by optimizing code, implementing efficient development practices, and ensuring well-documented code, resulting in faster, more reliable systems.
- I migrated outdated customer tables to a new structure, eliminating duplicates and inconsistencies, reducing DB storage, improving DB performance, and accelerating data fetching by 50%.

JamaSana

FullStack Engineer

Guayaquil, Ecuador (remote)

October 2021–August 2022

- I developed a responsive UI with React and Material UI (MUI), and integrated a robust backend using NestJs, TypeORM and PostgreSQL.
- I improved system efficiency by 80% through the implementation of tests and pioneered CI practices using GitHub Actions to automate cloud-based test execution, significantly reducing errors.

EDUCATION

ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL - ESPOL

Computer Science Engineering

Honours: Diploma of Scientific Merit with Scientific Research Orientation.

Guayaquil, Ecuador

February 2024

SKILLS

- Native Spanish speaker with advanced English proficiency.
- Strong problem-solving skills with attention to detail.
- Excellent collaborator, delivering high-quality solutions that align with project requirements.
- Adaptable and committed to continuous learning to stay current with modern technologies.
- Advocate for agile methodologies, version control, and sharing knowledge online.