

# 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, AWS, and Firebase. Proficient in JavaScript, TypeScript, Python, and backend frameworks like Express, NestJs, and Django, delivering scalable, high-performing applications. Skilled in leveraging Agile methodologies, building seamless, responsive user interfaces and optimizing system performance through well-architected and robust solutions.

## 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.

### Sudamericana de Software S.A.

FullStack Engineer

Guayaquil, Ecuador (remote)

February 2022–August 2022

- I optimized company products using JavaScript, TypeScript, NodeJs, HTML, CSS, PL/SQL, and Oracle DB, improving code performance, implementing efficient practices, streamlining customer tables, reducing storage, and boosting database efficiency by 50%.

### JamaSana

FullStack Engineer

Guayaquil, Ecuador (remote)

October 2021–August 2022

- I developed a responsive UI with React, TypeScript, Redux, and integrated a robust backend using Python, Django 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

## ACHIEVEMENTS

### Certification

Github Foundations Certification

Dec 2024 - Dec 2027

### Badge

Research Merit - Scientific Research Orientation

November 2024

### Paper

Detecting Speech Disfluencies Using Open-Source Tools in Automatic Feedback Systems for Oral Presentation Training

May 2024

## SKILLS

- Native Spanish speaker with advanced English proficiency, ensuring clear communication across teams.
- Strong problem-solving skills and attention to detail, delivering solutions-oriented and high-quality results.
- Adaptable and committed to continuous learning to stay current with modern technologies.
- Advocate for code quality, organization, and Agile practices to ensure efficient and high-performing development processes.