

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

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.

