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 building seamless, responsive user interfaces and optimizing system performance through well-architected solutions. Aspiring to grow as a software architect, designing robust, efficient systems.

PROFESSIONAL EXPERIENCE

Shippify Inc.   **Belo Horizonte, Brazil (remote)**
FullStack Engineer   *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.   **Guayaquil, Ecuador (remote)**
FullStack Engineer   *February 2022–August 2022*

- I optimized company products by enhancing code performance, implementing efficient practices, and ensuring well-documented solutions, while also migrating outdated customer tables to a streamlined structure, reducing storage, improving DB performance, and accelerating data fetching by 50%.

JamaSana   **Guayaquil, Ecuador (remote)**
FullStack Engineer   *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   **Guayaquil, Ecuador**
Computer Science Engineering   *February 2024*
Honours: Diploma of Scientific Merit with Scientific Research Orientation.

ACHIEVEMENTS

Certification   **Dec 2024 - Dec 2027**
Github Foundations Certification

Paper   **May 2024**
Detecting Speech Disfluencies Using Open-Source Tools in Automatic Feedback Systems for Oral Presentation Training

SKILLS

- Native Spanish speaker with advanced English proficiency.
- Strong problem-solving skills with attention to detail.
- Adaptable and committed to continuous learning to stay current with modern technologies.
- Advocate for agile methodologies, version control, and sharing knowledge online.