

Grecia Delgado

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Backend Software Engineer with 5 years of experience in building scalable architectures, event-driven systems, and cloud-native applications using AWS, Go, and TypeScript. Specialized in fintech solutions and automation of business processes.

Experience

Software Engineer **XEPELIN** **July 2023 - March 2025**

Team: Onboarding & Identity Verification *Santiago, Chile*

- Developed a Nest.js microservice for biometric validation with the Mexican Electoral System (INE) via SOAP, reducing processing time and preventing identity theft.
- Optimized document validation workflows by integrating AWS services (Lambda, DynamoDB, S3), reducing manual processing time by 37%.
- Implemented A/B testing with Flagsmith to enhance user onboarding, leveraging Next.js and Nest.js with MySQL.
- Led a proof of concept using LangChain, Python, and OpenAI's API to automate legal document reviews.

Software Engineer **KUSHKI** **January 2022 - July 2023**

Team: Transactions & Payments Infrastructure *Quito, Ecuador*

- Designed event-driven architectures for cash-in, cash-out, and transfers using AWS Lambda, SQS, Step Functions, and DynamoDB, reducing processing time by 20%.
- Built scalable REST APIs with Go and Node.js, handling high-concurrency financial transactions.
- Developed ETL pipelines with Scala to process high-volume transaction data in AWS S3, improving reconciliation speed.

Software Engineer **B89** **August 2021 - January 2022**

Team: Internal Platforms & Services *Lima, Peru*

- Developed high-performance APIs and gRPC services with Node.js (Moleculer.js) and Apache Kafka for real-time event processing.
- Architected and implemented a modular microservices infrastructure for banking operations.

Software Engineer **DEUNA** **May 2021 - August 2021**

Team: Checkout & Integrations *Tegucigalpa, Honduras*

- Optimized full-text search functionality using Typesense, enhancing search performance in e-commerce transactions.
- Integrated real-time order tracking using a React & TypeScript backend, ensuring seamless logistics updates.

Web Developer **MINSKY** **June 2020 - November 2020**

Freelance *Lima, Peru*

- Led customer interviews and created responsive UI mockups using HTML5, CSS, and JavaScript for a health app helping people recover from COVID-19 symptoms.
- Developed interactive forms, menus, and web elements, ensuring responsiveness and cross-browser compatibility.

Web Developer **MEDICAL CENTER OSI** **May 2020 - October 2020**

Freelance *Lima, Peru*

- Created an online form for patient registration using HTML, CSS, JavaScript, and Google Apps Script, saving staff time.
- Worked with the UX team to gather feedback and design mockups for new website pages using HTML5, CSS, and JavaScript.

Education and certifications

- **Bachelor of Science in Industrial Engineering**, University of Engineering and Technology (UTEC). **2013-2018**
- **Codeable Bootcamp**, Intensive Full Stack web development education program. **2021**
- **Software Architecture: REST API Design**, Udemy. **2023/03**
- **Introduction on Serverless, Lambdas y Api Gateway con AWS**, Udemy. **2022/03**
- **ReactiveX - RxJS**, Udemy. **2022/02**

Languages and technologies

- **Backend Technologies:** Go, TypeScript, Python, Ruby, Node.js, Scala, C++.
- **Frameworks & Architectures:** NestJS, Express, Ruby on Rails, Moleculer.js, gRPC, REST API, event-driven architecture
- **Databases & Storage:** PostgreSQL, DynamoDB, MongoDB, AWS S3
- **Cloud & DevOps:** AWS (Lambda, EC2, S3, SQS, Step Functions, Cloudwatch), Docker
- **Other Tools:** Jest, Cypress, RxJS, Nats, Kafka, LangChain
- **Languages:** English (B2), Spanish (Native)