

Grecia Delgado

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Experience

Software Engineer

XEPELIN

July 2023 - March 2025

Team: Onboarding & Identity Verification

Santiago, Chile

- Built a Nest.js microservice for INE biometric validation via SOAP, reducing processing from 5 hours to 3 minutes and enhancing security. Deployed with Docker/Kubernetes, CI/CD via GitHub Actions, and Grafana monitoring.
- Optimized document validation workflows by integrating AWS services (Lambda, DynamoDB, S3) and enhancing the UI of both the client and internal platforms using Next.js and React, 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 with AWS Lambda, SQS, Step Functions, and DynamoDB, alongside ETL pipelines in Scala for high-volume transaction processing, reducing processing time by 20% and improving reconciliation speed.
- Built scalable RESTful APIs with Go and Node.js (Express), efficiently handling high-concurrency financial transactions.
- Developed React microfrontends for client dashboard, enabling transaction tracking and payment gateway configuration.

Software Engineer

B89

August 2021 - January 2022

Team: Internal Platforms & Services

Lima, Peru

- Led the development of B89's Administration Panel with React, enhancing customer support for credit lines, client status, cashback, and debt management. Built a PoC for scalable microfrontends with Module Federation and single-spa.js.
- Developed REST APIs and gRPC services with Node.js (Moleculer.js) and Apache Kafka, enabling seamless event-driven communication between services.

Software Engineer

DEUNA

May 2021 - August 2021

Team: Checkout & Integrations

Tegucigalpa, Honduras

- Enhanced Deuna's e-commerce platform by implementing full-text search with Typesense and developing a coupon application feature during checkout using React, TypeScript, and the Spree gem.
- Built a new React application with TypeScript to enable real-time order delivery tracking.

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
- **NestJS + Microservices: Scalable and Modular Applications**, DevTalles Academy. 2025/03
- **Software Architecture: REST API Design**, Udemy. 2023/03
- **Introduction on Serverless, Lambdas y Api Gateway con AWS**, Udemy. 2022/03

Languages and technologies

- **Backend:** Node.js, TypeScript, Python, Go, Ruby, Scala; NestJS, Express, RoR, Moleculer.js; gRPC, RESTful APIs, SOAP.
- **Frontend:** React, Next.js, TypeScript, HTML, CSS, JavaScript, Tailwind.
- **Databases:** PostgreSQL, DynamoDB, MongoDB.
- **Cloud & DevOps:** AWS (Lambda, EC2, S3, SQS, Step Functions, CloudWatch), Docker, Kubernetes.
- **Testing & CI/CD:** Jest, Cypress, GitHub Actions.
- **Messaging & AI:** NATS, Kafka, LangChain.
- **Languages:** English (C1), Spanish (Native)