

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

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| Software Engineer
<i>Team: Onboarding & Identity Verification</i> | XEPELIN | July 2023 - Present
<i>Santiago, Chile</i> |
| <ul style="list-style-type: none">• 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
<i>Team: Transactions & Payments Infrastructure</i> | KUSHKI | January 2022 - July 2023
<i>Quito, Ecuador</i> |
| <ul style="list-style-type: none">• 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
<i>Team: Internal Platforms & Services</i> | B89 | August 2021 - January 2022
<i>Lima, Peru</i> |
| <ul style="list-style-type: none">• 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
<i>Team: Checkout & Integrations</i> | DEUNA | May 2021 - August 2021
<i>Tegucigalpa, Honduras</i> |
| <ul style="list-style-type: none">• 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
<i>Freelance</i> | MINSKY | June 2020 - November 2020
<i>Lima, Peru</i> |
| <ul style="list-style-type: none">• 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
<i>Freelance</i> | MEDICAL CENTER OSI | May 2020 - October 2020
<i>Lima, Peru</i> |
| <ul style="list-style-type: none">• 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

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| • 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)