LUIS MENDEZ

Software Engineer · Backend & Integrations · Python | .NET | React | AWS
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PROFESSIONAL SUMMARY

Software Engineer with 6+ years building and modernizing mission-critical enterprise systems, specialized in backend development, integrations and service-oriented architectures (SOA) on AWS. Part of the backend team behind PAO, Humano Seguros' generative-AI policy issuance platform that cut issuance time from 8 days to 3 minutes — published as an official AWS case study. AWS-certified, with end-to-end experience across Python/Django, .NET and React.

TECHNICAL SKILLS

Languages	Python, C#, TypeScript, JavaScript, SQL
Backend	Django, Django REST Framework, ASP.NET Core, REST APIs, SOA, microservices
Frontend	ReactJS, React Native
Cloud & DevOps	AWS (Lambda, Step Functions, S3, Bedrock, IAM), Docker, CI/CD (GitHub Actions, Azure DevOps)
Databases	PostgreSQL, SQL Server, MySQL, Redis
Practices	Clean Architecture, SOLID, TDD, Agile/Scrum, Git
Spoken	Spanish (native), English (professional — prior work experience in an English-speaking environment)

PROFESSIONAL EXPERIENCE

SOA Analyst — Humano Seguros — Sep 2025 – Present
Hybrid · Santo Domingo, DR · Largest insurance group in the Dominican Republic

- Joined the backend team for PAO, an intelligent policy issuance platform built with generative AI (Amazon Bedrock, Amazon Nova Pro) and a serverless architecture (Step Functions, Lambda, S3), cutting issuance time from 8 days to 3 minutes and fully automating over 50% of applications — published as an official AWS case study.
- Design and maintain business-critical services and integrations under a SOA architecture supporting core insurance operations.
- Modernize legacy systems by exposing them as reusable services, optimizing transactional flows and improving interoperability between internal platforms and third parties.
- Partner with business, QA, architecture and infrastructure teams to deliver scalable, secure solutions aligned with corporate and regulatory standards.

Software Engineer — IDOPPRIL — Jul 2023 – Sep 2025
On-site · Santo Domingo, DR · Dominican national institute for occupational risk prevention

- Designed and built internal systems used by roughly 1,000 employees across headquarters and regional offices nationwide, digitizing manual workflows that support occupational risk management.
- Modernized legacy processes into scalable, cloud-ready applications, coordinating requirements gathering and delivery validation with business units.

Software Developer — PIXNABI — Jul 2022 – Jan 2023
Hybrid · Santo Domingo, DR

- Built responsive web and mobile applications with ReactJS and React Native, from component design through API integration, working alongside designers and the backend team.

Freelance Software Engineer — Self-employed — Mar 2019 – Present
Remote · Dominican Republic

- Delivered 10+ projects for small and mid-sized business clients — invoicing, inventory and process automation — with systems running in production since 2020.
- Own the full delivery cycle independently: requirements gathering, architecture, development, deployment and ongoing support.

EDUCATION

B.Sc. in Software Engineering — Universidad del Caribe (UNICARIBE), Santo Domingo, DR — 2023 – 2025
Associate Degree, Software Development — Instituto Tecnológico de las Américas (ITLA) — 2019 – 2022

CERTIFICATIONS

AWS Cloud Technology Consultant · AWS — Dec 2025
DevOps on AWS and Project Management · AWS — Nov 2025
Developing Applications in Python on AWS · AWS — Oct 2025
+7 additional certifications (AWS Cloud Technical Essentials, AWS Cloud Practitioner, AWS Security Hub, Python for Everybody – U. of Michigan, among others) listed on LinkedIn.