

Efren Almanza Lamas

Backend Engineer

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SUMMARY

Backend engineer focused on API design, distributed systems and cloud infrastructure. Experienced building authentication, payments and third-party integrations for production systems, with a background spanning systems infrastructure, IT leadership and software engineering.

EXPERIENCE

Backend Developer

King Tide

Oct 2022 — Present

- Designed and developed scalable APIs using NestJS, TypeScript, GraphQL and REST.
- Implemented complex payment flows, refunds, wallets and payouts through Stripe.
- Built real-time systems using Redis, BullMQ, WebSockets and Firebase notifications.
- Worked with infrastructure and deployments on AWS, Docker and Railway, including CI/CD and production troubleshooting.

Software System Engineer

Intelligential

Aug 2020 — Oct 2022

- Contributed to a SaaS banking core for the Fintech industry that helped increase platform usage by approximately 160%.
- Developed services and features for financial platforms focused on banking and operational processes.
- Helped reduce call load by approximately 40% through self-service tools and features within the platform.

IT Operations Manager

Credicor

May 2013 — Aug 2020

- Led a team of four across software development and technical support.
- Designed and implemented the modernization of the core business platform, migrating from Visual Basic and MSSQL to VB.NET and MySQL.
- Developed Business Intelligence solutions that reduced report generation from approximately 30 days to 1 day.

Systems Engineer

Credicor

Sep 2008 — May 2013

- Migrated and modernized server infrastructure using Linux and open-source technologies.
- Implemented security improvements through firewalls, browsing policies and data protection tools.

TECHNICAL SKILLS

Backend

NestJS · TypeScript · GraphQL · REST APIs

Data

PostgreSQL · Redis · TypeORM · SQL

Cloud & Infrastructure

AWS · Docker · Terraform · Linux · CI/CD

Integrations & Real-time

Stripe · Firebase · BullMQ · WebSockets

Languages

Node · JavaScript · PHP · Python · Go · C# / .NET

EDUCATION

Universidad de León

Bachelor's Degree in Computer Science

CERTIFICATIONS

Terraform: De principiante a certificado 2025

Udemy · May 2025

Curso de AWS Certified Developer Associate DVA-C02

Udemy · Oct 2024

AWS Certified Cloud Practitioner

Amazon Web Services · May 2023

DW Cloud Computing Certified Developer

DW Training · Aug 2021

Bash: Intérprete de Comandos de Linux

Udemy · Aug 2019

Diplomado DurivaCON

Duriva · Aug 2018

Desarrollo de Habilidades Gerenciales: Líder de Líderes

Tecnológico de Monterrey · Jan 2018

DW React.js Certified Developer

DW Training · Aug 2020

JavaScript Moderno: Guía para dominar el lenguaje

Udemy · May 2020