



Daniel Moreno Levy
Software Engineer
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SUMMARY

Experienced Software Engineer and Tech Lead specializing in backend development with TypeScript, Python and Golang. Proven track record of leading teams, driving architectural improvements, and delivering scalable solutions in cloud infrastructure and efficient software design.

SKILLS

PROGRAMMING LANGUAGES	typescript python golang rust bash lua
DEVELOPMENT TOOLS	Node.js Poetry Cargo Linux NixOS NeoVim
BACKEND FRAMEWORKS	Express.js NestJS Gin Fiber Django Flask
DATABASES & INFRASTRUCTURE	Docker Kubernetes AWS PostgreSQL MongoDB Redis ElasticSearch
SOFTWARE DESIGN	Design Patterns CI/CD Microservices Serverless
LANGUAGES	Native: English Spanish Advanced: Japanese (N2, Dec 2022)

EXPERIENCE

TECH LEAD (PROMOTED FROM BACKEND ENGINEER IN DEC 2022) — Autopay July 2022 - Present

- Led a team of four engineers to drive architectural improvements, streamline development processes, and boost project efficiency across critical services.
- Engineered an AI-powered loan document processing platform to extract customer data and automate onboarding, increasing user activations by 30%.
- Designed and implemented an event-driven auto-submission system, automating the previously manual loan application process to handle thousands of daily submissions seamlessly.
- Spearheaded the migration from a monolithic architecture to a serverless ecosystem, enabling seamless scalability, faster deployments, and improved developer experience.
- Modernized a legacy monorepo by transitioning from FlowJS to TypeScript, resolving hundreds of static analysis errors and significantly improving developer productivity.

BACKEND ENGINEER — Bambu January 2022 - June 2022

- Maintained and optimized Kubernetes deployments for a global financial services platform supporting international banking clients.

SOFTWARE ENGINEER — Rebellion Pay November 2020 - November 2021

- Designed and led development of cryptocurrency trading and cashback rewards as part of Rebellion Pay's first monetization efforts, handling thousands of concurrent transactions.
- Migrated systems from EC2 to Kubernetes and re-architected a monolithic REST service into a NATS-based microservices ecosystem, enabling horizontal scaling for thousands of concurrent users and supporting 800,000 active users.

FULL STACK DEVELOPER — mr Houston August 2019 - November 2020

- Developed a financial AI prototype using flask and Vue that analyzed the impact of news on IBEX 35 share prices, demonstrating the potential for predictive market insights.
- Led a team of three, managing task allocation, technical decision-making, and iterative prototype development to meet research goals.

EDUCATION

MASTER IN CYBER-SECURITY — Universidad Politécnica de Madrid 2018 - 2019

B.S. IN TELEMATICS ENGINEERING — Comillas ICAI 2013 - 2018