Daniel Levy
Software Engineer
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SUMMARY

Backend Engineer and Tech Lead specialized in architecting scalable, high-performance systems using TypeScript, Go, and Python. Proven record leading teams through complex migrations from monoliths to microservices, significantly optimizing development workflows, and creating impactful AI-driven automation platforms that directly increase customer engagement and operational efficiency.

SKILLS

PROGRAMMING LANGUAGES	typescript | python | golang | bash | lua
DEVELOPMENT TOOLS	Node.js | Jest | Poetry | Linux | NixOS | NeoVim
BACKEND FRAMEWORKS	Express.js | NestJS | Gin | Fiber | Django | Flask
FRONTEND SKILLS	React | Vue | Tailwind | Bootstrap | Redux | Vuex
DATABASES & INFRASTRUCTURE	Docker | Kubernetes | AWS | SNS | PostgreSQL | MongoDB | Redis
SOFTWARE DESIGN	Design Patterns | CI/CD | Microservices | Serverles
LANGUAGES	**Native:** English | Spanish **Advanced:** Japanese (N2, Dec 2022)

EXPERIENCE

TECH LEAD (REMOTE, 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%.
- Automated loan applications with an event-driven system, processing thousands of daily submissions seamlessly.
- Led the migration from a monolithic system to a scalable serverless ecosystem, improving deployment speed and scalability.
- Modernized a legacy monorepo by transitioning from FlowJS to TypeScript, resolving hundreds of static analysis errors and significantly improving developer productivity.

BACKEND ENGINEER (REMOTE) — *Bambu*   *January 2022 - June 2022*

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

SOFTWARE ENGINEER (HYBRID) — *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*