



Marc Larson

Senior Backend Engineer – Fintech Platform
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SKILLS

Python • FastAPI • PostgreSQL • Docker • Kubernetes • RESTful API Design • Data Modeling • SQL Performance Tuning • CI/CD (GitHub Actions) • Distributed Systems • Microservices Architecture • Cloud: AWS

EXPERIENCE

Senior Backend Engineer (Platform) — Aurora Fintech Technologies

March 2022 – Present

Led backend platform development in Python using FastAPI for high-traffic fintech APIs, serving 10M+ monthly requests with 99.99% uptime. Architected PostgreSQL schemas and migrations, delivering 40% faster query performance and reduced latency. Containerized services with Docker and automated CI/CD (GitHub Actions), cutting deployment time by 60% and enabling blue/green deployments.

Senior Backend Engineer — Nimbus FinTech

July 2019 – March 2022

Built distributed backend services in Python with FastAPI, backed by PostgreSQL, delivering scalable payment APIs. Introduced Docker-based deployment and Kubernetes manifests, achieving 99.95% uptime and reducing mean time to recovery by 25%. Led data modeling and query optimization, decreasing average API response time by 35%.

Software Engineer (Backend) — PulsePay Systems

January 2016 – June 2019

Developed core payments APIs in Python with a PostgreSQL-backed data layer, enabling secure and reliable transaction processing. Implemented Dockerized microservices and basic CI pipelines, reducing deployment risk and improving release frequency by 2x. Implemented PCI-compliant authentication and auditing with secure logging, reducing incident rate by 20%.

EDUCATION

Bachelor of Science in Computer Science

National Taiwan University

Graduated: 2012