

Logan Lam

Information Systems Student | Backend, Cloud, and Data Systems
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Profile

Information Systems student who connects business rules, data models, backend behavior, and AWS infrastructure. Built and deployed a real-time bilingual caption product and is developing an expiry-aware bakery operations system. Seeking an internship where practical system thinking, careful implementation, and clear technical communication are valued.

Selected Projects

LiveCap - Cloud + AI Product 2026

FastAPI, React, TypeScript, Amazon ECS Fargate, Transcribe, Translate, Terraform

- Built a real-time Vietnamese-English caption workflow using browser PCM capture, secure WebSockets, parallel transcription, and finalized-text translation.
- Deployed a private AWS path through CloudFront, WAF, ALB, and ECS Fargate with wake-on-demand, scale-to-zero, CloudWatch visibility, and private S3 transcript export.
- Verified 208 backend tests, 14 frontend tests, production builds, Terraform validation, CI, and secret scanning; documented cold-start and single-task availability boundaries.

Leaf Creme - Full-stack Operations System 2025 - 2026

FastAPI, PostgreSQL, SQLAlchemy, React, TypeScript, MoMo, n8n

- Modeled finished products, components, and gift boxes as expiry-aware inventory batches and implemented FEFO allocation during order creation.
- Connected POS, online, and pre-order workflows with payment records and order-state transitions across manual, MoMo API, and QR paths.
- Documented backend-backed behavior separately from demo-limited voucher, category, and analytics surfaces to keep project claims verifiable.

Education and Applied Learning

HUTECH University Information Systems	AWS Vietnam Workforce Bootcamp Workforce Bootcamp Intern, Apr - Jul 2026
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Technical Skills

Backend Python, FastAPI, Websocket, SQLAlchemy, PostgreSQL	Cloud ECS Fargate, CloudFront, ALB, WAF, S3, IAM, CloudWatch
Frontend React, TypeScript, Next.js, Vite, Tailwind CSS	Delivery Terraform, Docker, GitHub Actions, testing, technical documentation