

JANE DOE

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SUMMARY

Software engineer with two years of production payments APIs in Go and PostgreSQL, plus recent ML systems work. Writes boring, observable services and the runbooks that keep them boring.

SKILLS

Languages: Python, TypeScript, Go, SQL

AI / LLM: PyTorch, RAG, evaluation, fine-tuning, prompt engineering

Backend / Frontend: FastAPI, event-driven services, React, Next.js

Cloud / MLOps: GCP, AWS, Docker, Kubernetes, Terraform, CI/CD, monitoring

Databases: PostgreSQL, Redis, BigQuery

WORK EXPERIENCE

ML Engineering Intern | Halespring, New York, NY

May 2025 – Aug 2025

- Built a two-tower retrieval model for cold-start recommendations, lifting click-through 14% in the A/B test.
- Designed the feature store on BigQuery powering 30+ online features with hourly freshness SLAs.
- Presented results weekly to non-technical merchandising stakeholders during the rollout.

Software Engineer | Brightpath Software

Jul 2022 – Jul 2024

- Built payments APIs in Go and PostgreSQL serving 40k merchants.
- Cut p99 latency on the payments API from 220ms to 80ms.
- Ran incident reviews; wrote the retry and reconciliation runbooks still in use.

RESEARCH

Graduate Research Assistant | Lakeshore Vision Lab

Sep 2024 – Present

- Fine-tuned CLIP-family models on a 2M-image corpus, lifting top-1 recall 9 points.
- Built evaluation tooling adopted lab-wide; runs on every training PR.

PROJECTS

Ledgerlight · open-source spend classifier (GitHub)

- Fine-tuned DistilBERT spend classifier behind FastAPI; 12k installs, usage dashboard included.

Atlas Notes · retrieval done honestly

- Local-first RAG note assistant with pgvector and Next.js.

Signalcast · evals as engineering

- An eval harness that catches prompt regressions in CI.

EDUCATION

M.S. Computer Science · Lakeshore University (GPA 3.9)

Aug 2024 – May 2026

B.Tech Computer Science · Coastal Institute of Technology

2018 – 2022