

JANE DOE

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SUMMARY

AI engineer with production LLM and retrieval experience: recommendation models at Halespring, multimodal research at Lakeshore, and open-source tools with 12k installs, presented weekly to non-technical stakeholders during the Halespring rollout.

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 with output guardrails and audit logging, 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