Dhyey Shah

+91 9136129247 | shah.dhyey@gmail.com | linkedin.com/in/shah-dhyey | github.com/dhyeyshah794 | shahdhyey.com

SUMMARY

Forward deployed AI engineer with 2 years of experience shipping production AI agents for US enterprise clients, most recently at Clientell. Specialize in evals and observability.

WORK EXPERIENCE

AI Engineer | Clientell | *FastAPI, OpenAI SDK, Langfuse, PostgreSQL, Redis, GCP* Sep 2025 – Nov 2026

- Forward-deployed on a ~**$300K** contract to build an order management system for a **$2.5B** US fleet safety company.
- Built and enhanced a multi-agent platform handling >10K tool calls/day across varied enterprise Salesforce orgs.
- Owned and implemented an agentic platform for Salesforce Marketing Cloud, which led to pilots with enterprise clients.
- Set up an observability, evals and prompt versioning system that monitors **>140K** traces/month in real time.
- Created an LLM-as-a-judge pipeline to simulate and evaluate multi-turn conversations as part of the CI/CD process.

AI Intern | Fuelgrowth | *FastAPI, OpenCV, PostgreSQL, Playwright, n8n* Dec 2024 – Jul 2025

- Created a market intelligence agent for discovering and analyzing competitor brands with web search capabilities.
- Built and managed multiple data pipelines for processing **>15K** creatives/day from Meta ads and Instagram posts.
- Implemented a video face detection and clustering pipeline to identify unique individuals appearing in multiple videos.

Previous Experience | *Python, Django, PostgreSQL, Flutter, React, LangChain, ChromaDB* Jun 2022 – Sep 2024

- **IIT Patna**: Curated and ground-truthed a dataset of 2,500 images linking visual product defects to customer ratings.
- **Navneet Education**: Built an AI tutoring platform (RAG over textbooks, dynamic chunking) for high-school students.
- **Stealth DeFi**: Researched and built ERC-4626 compliant vault and strategy contracts for a Starknet yield optimizer.
- **Efficienergi**: Built a Flutter app for Secqr, an electrical risk and network health assessment platform for data centers.
- **Freelance**: Created React websites for a practicing therapist and a career coaching firm and optimized their SEO scores.

PROJECTS

Facsimile | *OpenCV, DeepFace, scikit-learn* | Link

- Built a facial search engine to compile an inverted index of unique faces across **>5,000** videos for engagement analytics.
- Performed face detection using OpenCV, and filtered faces by confidence score and dimensions to reduce noise.
- Created face embeddings and grouped them using a custom two-step hierarchical DBSCAN clustering algorithm.

Poetry Classifier | *Selenium, Pandas, langdetect, scikit-learn* | Link

- Scraped ~**60,000** poems from allpoetry.com using Selenium, and cleaned the data using Pandas and langdetect.
- Trained a One-vs-Rest classifier using random forest to perform multi-label classification (~12 labels) on the poems.
- The model yielded an average testing accuracy of **87.91%** and average testing precision of **77.88%** across all labels.

SKILLS

Languages: Python, SQL, JavaScript/TypeScript, HTML, CSS

AI/ML: OpenAI SDK, Langfuse, LangChain, ChromaDB, OpenCV, scikit-learn, DeepFace

Backend & Cloud: FastAPI, Pydantic, Django, Flask, PostgreSQL, Redis, Docker, GCP, AWS, Azure

EDUCATION

K. J. Somaiya Institute of Technology | B.Tech in Computer Engineering (**CGPA: 9.11/10**) Dec 2021 – May 2025