Anuja Gogate
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SUMMARY

Next-Generation Forward-Deployed AI Engineer with 7+ years of experience building **production-grade AI employees**, **multi-modal decision systems**, and **cloud-native backend platforms** using Python, FastAPI, LLM APIs, and scalable microservices architectures

SKILLS

AI/ML & Agent Platforms:	Python (advanced), FastAPI, Flask, Google Gemini 2.5 Flash, Gemini 3 Pro, OpenAI API, LangChain, Tool-Calling & Function-Oriented Agents, Human-in-the-Loop AI Workflows**,** Agentic AI Architectures, Document Intelligence Pipelines, Prompt Engineering, Model Evaluation & Auditing, Error Taxonomies, A/B Testing, MLflow, PyTorch, Observability (Prometheus, Sentry)
Backend Dev & DevOps:	Microservices Architecture, RESTful APIs (FastAPI/Flask), Async & Task Orchestration (Celery), Event-Driven Systems (Kafka, RabbitMQ), Redis, Data Pipelines & ETL, Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins), AWS (ECS, Fargate, Lambda, S3), API Security (OAuth2/JWT), Identity & Access Management (Keycloak), Structured Logging, Monitoring & Alerting
Testing and Automation:	Pytest, API & Integration Testing, Contract Testing, Load & Performance Testing (Locust), Postman

PROFESSIONAL EXPERIENCE

Forward Deployed AI Engineer, Supervity, Dallas, TX   November 2025 – Present

- Architected and delivered **enterprise-grade AI Command Centers** for **document-centric and decisioning workflows** using **Python 3.11, FastAPI, PostgreSQL 15**, and **Next.js 15 (React 19, TypeScript)**, enabling scalable automation across multiple industry use cases
- Designed and implemented **high-throughput, multi-modal AI pipelines** using **Google Gemini 2.5 Flash and Gemini 3 Pro** to power **customer service and financial service AI employees**, enabling document intelligence, voice-based interactions, checklist expansion, anomaly detection, and structured decision outputs through integrations with **OCR systems, Gemini voice/TTS APIs, and external services such as Gmail APIs**
- Owned **platform architecture and DevOps readiness**, containerizing services with **Docker and Docker Compose**, integrating **Keycloak 24 with PostgreSQL** for centralized IAM, and enforcing observability, configuration isolation, and deployment standards

Exceptional AI Engineer, Mercor / Claude Ai, Dallas, TX   May 2025 – November 2025

- Partnered with **AI labs** for early-version launch tests, architecting and executing adversarial evaluation workflows against **Claude AI agents** using **real-time coding tasks**, deterministic **Model A/B audits**, repo-level validations, and **parallel output scoring**; stress-tested agent pipelines, surfacing **behavioral** anomalies (**hallucination**, execution drift, false completeness, agentic shortcuts, fabricated test coverage)
- Delivered robust **agent debugging automation** and model benchmarking frameworks for client systems, accelerating multi-agent migration and stress testing cycles; optimized **data integrity**, **repo search/read operations**, **cross-module reliability, code-diff tools, and complex workflow performance**

Intern Full Stack Developer, ServiceNow, Dallas, TX   March 2025 – May 2025

- Developed high-performance microservices using **Python (Django, Flask)**, designing APIs for business workflows and integrating with **SQL databases**, and improved real-time data processing for 20K+ transactions monthly
- Integrated **LLM-powered backend capabilities** using **OpenAI APIs** for document parsing, conversational search, and automation, while enforcing **API security (OAuth2/JWT, rate limiting)** and maintaining **high test coverage with Pytest**

Software Engineer, University of Tampa, Tampa, FL   January 2023 – December 2024

- Developed RESTful APIs using **Django REST Framework** & **Flask**, reducing data load by 45%, enabling dynamic enrollment updates for 10,000+ students
- Engineered robust data pipelines, batch processing workflows with **Pandas**, **SQLAlchemy**, & **Airflow**, powering advanced analytics, automated reporting

Software Engineer, Coupa Software's, San Mateo, CA   January 2022- November 2022

- Designed automated procurement pipelines and batch processing jobs with **Flask, FastAPI**, **Pandas,** & **SQLAlchemy**, powering real-time analytics
- Automated **MLOps** deployment for model-driven procurement insights using **MLflow** and **PyTorch**, providing dynamic anomaly detection

Software Engineer, Tata Communications, Pune, India   June 2019 – January 2022

- Developed **cron-based** ETL scripts in **Python** for upserting 1M+ network logs daily to **MySQL** with **RabbitMQ** messaging, saving 2.5 hours per day
- Delivered a network monitoring automation module two weeks ahead of schedule, reducing processing errors by **25%** and cutting alert response time by 40%. Received the **TCL Ownership and Accountability Award** for effective execution and customer-centric delivery, **2021**

Junior Software Engineer, **Vodafone**, Pune, India   June 2018 – June 2019

- Deployed backend alert systems with **Kubernetes pods** and orchestrated failure testing using Python scripts to enhance network alert routing
- Managed **Git/Bitbucket** workflows and leveraged **Python OOP** to streamline code changes and reduce merge issues

PROJECTS

- **Cloud-Native Chatbot Assistant**
Integrated LangChain and FastAPI to deliver secure, context-aware chatbots deployed via AWS ECS and Lambda
- **Automation Bot Platform** | Python, Selenium, FastAPI, Docker
Built a Python automation bot using Selenium, FastAPI, and Docker to automate web tasks, schedule workflows, and streamline data extraction
- **Capstone Project – Global Air Quality Forecasting System**| Global Air Quality Forecasting System | Pandas, NumPy, Scikit-learn, Django
Developed an ML pipeline and Django app for global AQI prediction, achieving R^2 of 0.94 on 14K+ records and delivering real-time, explainable forecasts

EDUCATION

M.S. in Information Technology Management, University of Tampa | GPA: 3.8/4.0
B.S in Computer Application, S.N.D.T. University | GPA: 3.7/4.0