

Contact

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(LinkedIn)

Top Skills

RLHF

LangGraph

LangChain

Languages

Telugu (Native or Bilingual)

English (Professional Working)

Hindi (Full Professional)

Certifications

Python for Data Science

Certified AI Practitioner

AWS Certified Data Engineer

Publications

Differential Evolution with Different Crossover Operators for Solving Unconstrained Global Optimization Algorithms

Synthesizing Realistic ARMD Fundus Images Using Generative Adversarial Networks (GANs)

Speech Recognition-based Billing System: A multi-model design and implementation

Aneesh Kalisapudi

Software Engineer | AI/ML Specialist | LLM Frameworks, Scalable Backend Systems, Data Pipelines & Modern Databases | Startup Enthusiast Building High-Impact Tech Solutions

United States

Summary

I build the brains and the backbone of AI systems. From PoC to production, I'm the engineer who wires intelligence into reality clean code, fast pipelines, and scalable architectures included.

I design ETL/ELT data pipelines that keep models well-fed and write backend magic in Python (FastAPI, Flask, Django) that powers AI products end to end.

If you're wondering what skills I've got, here's the quick rundown: Python, SQL, React, FastAPI, Flask, LangChain, LangGraph, RAG, Vector Search, Multi-Agent Systems, LLMOps, Prompt Engineering, Guardrails, Eval Pipelines, Fine-Tuning, AWS, Docker, Kubernetes, Snowflake, PostgreSQL, MongoDB, Redis, and more.

Didn't find what you're looking for?

Give me two weeks, I'll learn it, build it, and probably automate it before your CI/CD finishes deploying. ##

Currently building in stealth. Always up for talking AI engineering, intelligent pipelines, model deployment, or the future of autonomous systems.

Experience

Stealth AI Startup

Software Engineer

August 2024 - Present (1 year 3 months)

United States

Core stack: Python 3.11 · FastAPI · LangChain · OpenAI SDK · Pinecone · MongoDB Atlas · AWS Glue (Spark 3) · AWS Lambda · Kinesis · S3 · Docker · Terraform/CDK · GitHub Actions

ThinkSimple Inc
Software Engineer
January 2024 - Present (1 year 10 months)
Carlsbad, California, United States

- Enterprise Data Pipelines: Built event-driven and scheduled ETL pipelines in Python, AWS Lambda, and Glue, improving throughput by 40% and ensuring reliable real-time + batch data delivery for downstream analytics and CRM systems.
- Cross-System Data Integration: Automated ingestion workflows across APIs and databases, reducing manual transformation by 60% and enabling consistent, analysis-ready data for business stakeholders.
- Pipeline Caching & Latency Reduction: Deployed Redis (AWS ElastiCache) to cache frequently accessed data, cutting query latency by 50% and easing operational load on production databases.
- Data Modeling & Query Optimization: Refactored SQL extraction logic and optimized schema-level queries, decreasing retrieval time by 50% for high-demand datasets used in reporting and customer insights.
- Performance Engineering: Profiled pipelines, identified bottlenecks, and applied code + infrastructure optimizations, increasing overall throughput by 40% and reducing processing latency by 15%.

client: CVS

VELOCIFIED
Software Engineer
August 2023 - December 2023 (5 months)

Technology at Arizona State University
Software Engineer
December 2022 - December 2023 (1 year 1 month)

Aramark
Event Coordinator
January 2022 - July 2023 (1 year 7 months)
Phoenix, Arizona, United States

Wipro
Project Engineer
January 2020 - December 2021 (2 years)

C2N IT SERVICES PVT LTD
Software Engineer Intern
April 2019 - December 2019 (9 months)
Hyderabad, Telangana

Education

Arizona State University
Master's degree, Computer Science

Amrita Vishwa Vidyapeetham
Bachelor's degree, Computer Science