

## Contact

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[www.linkedin.com/in/aneesh24](https://www.linkedin.com/in/aneesh24)  
(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.

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## 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

keenfox

## 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

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## Education

Arizona State University  
Master's degree, Computer Science

Amrita Vishwa Vidyapeetham  
Bachelor's degree, Computer Science