

Pavan Tejavath

+91-7893936732 | hirepavan@thetejavath.com | LinkedIn | thetejavath.com

PROFESSIONAL SUMMARY

AI Engineer with experience in GenAI, NLP, and CV pipelines. Built scalable ML systems using Python, PyTorch, TensorFlow, LangChain, LangGraph, and Docker. Delivered production-grade assistants, led full-stack data annotation flows, and optimized LLM-based retrieval with vector DBs.

EXPERIENCE

Suviko LLC

Remote

Software Developer (AI + Full Stack)

Jul 2024 – Present

- Launched ML-assisted apps (Fish Pond, Kannada App) using Flutter, Firebase, and TensorFlow Lite.
- Integrated scalable backend infra with Node.js + FastAPI; shipped features on distributed Firebase backend.
- Incorporated multilingual annotation flows and automated quality checks using embedding similarity.

The Tejavath (Founder)

Remote

Founder / ML-Full Stack Developer

Feb 2025 – Present

- Delivered LLM-based data annotation workflows for global clients on Upwork (Jarong, Bismillah Foods, Our Time Jewelers).
- Built GenAI pipelines and deployed production-ready POCs using LangChain, Pinecone, and OpenAI APIs.
- Prototyped experimental AI tools like tone-adaptive summarizers and LLM-as-Judge QA evaluators.

George Mason University

Fairfax, VA

AI Research Assistant (Grad Role)

Sep 2022 – May 2024

- Developed NLP pipeline converting PDF papers to knowledge graphs (Neo4j, HuggingFace, PyMuPDF).
- Ran multilingual experiments to compare TF-IDF vs Embedding retrieval effectiveness.

PROJECTS

myAI.thetejavath.com | LangChain, OpenAI, Pinecone, LangGraph

2024

- AI assistant with long-context retrieval, automated agent workflows, and feedback scoring. Served 1500+ queries.

LabelNow.AI (Concept) | React, Supabase, FastAPI, TensorFlow

2024

- Prototype for multi-modal annotation with image/video labeling, classification, and LLM-based QA review.

RemoteJobs.AI | TypeScript, Supabase, NextAuth

2023

- AI-curated remote job board integrating LinkedIn + GitHub API with daily updates. Resume parser built in Python.

CERTIFICATIONS STACK

Certifications: HuggingFace LLMs, CS50 AI, DeepLearning.AI RAG, AWS Cloud Practitioner, Python PCAP (Cisco)

Stack: Python, PyTorch, TensorFlow, LangChain, LangGraph, HuggingFace, OpenAI API, FastAPI, Supabase, Firebase, Docker, Kubernetes, GitHub Actions, RESTful API, Neo4j, PostgreSQL, Elasticsearch, GCP

EDUCATION

George Mason University

Fairfax, VA

M.S. in Information Systems

Aug 2022 – May 2024

KL University

Hyderabad, India

B.Tech in Computer Science

Jul 2018 – May 2022