Kunj P. Shah

kunjcr2@gmail.com, (628)-529-6990 AI Agent Intern | LLM Developer | ML Researcher LinkedIn | Github | Portfolio | San Francisco, CA

SKILLS

AI/ML Large Language Models, Transformers, Retrieval-Augmented Generation (RAG), LoRA,

PyTorch, TensorFlow, LangChain, LangFlow, n8n, OpenCV, Machine Learning, Deep Learning,

Natural Language Processing (NLP)

Web & Database Node.js, Express.js, React.js, Flask, Tailwindess Git, Docker, vLLM, VertexAI, MongoDB, MySQL **Database and Tools**

EDUCATION

San Francisco State University

San Francisco, California

B.S. in Computer Science

• **GPA**: 3.96/4.00, Dean's List **Expected Graduation 2027**

EXPERIENCE

Dreamable Inc.

San Francisco, California

June 2025 – Aug 2025

AI Agent Intern Contributed to fine-tuning a 7B-parameter open-source LLM for internal document Q&A tasks; handled dataset curation, low-rank adaptation (LoRA), and model evaluation, achieving ~88% accuracy on companyspecific prompts.

- Developed an **AI-powered outreach assistant** using *n8n*, LangChain, and OpenAI tools to automate messaging workflows; currently used by 14+ interns to scale weekly outreach with minimal manual effort.
- Built a lead generation pipeline that verifies and ranks potential clients by email validity and interest score using custom agents, improving lead quality and boosting response rate by ~2.3×.

Dyna Grow Design Solution

Ahmedabad, India

Web Developer Intern

May 2024 – Jan 2025

- Designed and launched a responsive marketing website using Node.js, Express.js, and EJS, tailored for an architecture firm's client showcase and service catalog.
- Improved website performance, leading to a 2× increase in qualified client inquiries within the first 2 months of deployment.

PROJECTS

Llama Finetuning on OpenHermes GITHUB | HUGGINGFACE

Fine-tuned Meta's Llama-3.2-3B (3.2B parameters) on ~300K OpenHermes instruction—response pairs using HF Transformers, LoRA (24.3M trainable params ≈ 0.75 %), and A100 GPUs; achieved ~ 68 % reduction in training loss (1.27 \rightarrow 0.20) within 2K steps (~4.5 h) with bf16 + gradient checkpointing. Deployed inferenceready Docker image with vLLM: kunjcr2/llama-3.2-3b-vllm.

GatorGPT GITHUB | HUGGINGFACE

Pretrained a 63M-parameter Grouped Query Attention model with Flash Attention + Rotary Positional Encoding on ~1.5M stories (~350M tokens) using A100 GPUs (bf16 + tf32); achieved ~99% reduction in eval loss (246 → 1.50). Built and deployed inference-ready Docker image with vLLM: kunjcr2/GatorGPT2.

theHelper - AI Research Assistant GITHUB

Engineered a PDF analysis tool using PyPDF2, BERT/BART transformers, and FAISS for semantic search, packaged in a Streamlit app for real-time summarization and Q&A — reduced manual review time by 70% across 50+ academic and business documents; actively used by peers and family for coursework and client work.

Additional projects available at: GITHUB.