**Kunj P. Shah**

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AI Agent Intern | LLM Developer | ML Researcher

[LinkedIn](http://www.linkedin.com/in/kunjcr2) | [Github](https://github.com/kunjcr2) | [Portfolio](https://kunjcr2.github.io/) | 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, Tailwindcss

**Database and Tools** Git, Docker, vLLM, VertexAI, MongoDB, MySQL

**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**

*AI Agent Intern June 2025 – Aug 2025*

* 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 company-specific 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](https://github.com/kunjcr2/llama-3.2-3b-openhermes) | [HUGGINGFACE](https://huggingface.co/kunjcr2/llama3-3b-lora-openhermes)

* 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 → 0.20**) within **2K steps (~4.5 h)** with bf16 + gradient checkpointing. Deployed inference-ready Docker image with vLLM: **kunjcr2/llama-3.2-3b-vllm**.

**GatorGPT** [GITHUB](https://github.com/kunjcr2/GatorGPT) | [HUGGINGFACE](https://huggingface.co/kunjcr2/GatorGPT)

* Pretrained a **32M**–parameter Grouped Query Attention model with Flash Attention + Rotary Positional Encoding on **~1M** stories **(~211M 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/gatorgpt**.

**theHelper - AI Research Assistant** [GITHUB](https://github.com/kunjcr2/AIResearchAssistant)

* 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**](https://github.com/kunjcr2)**.**