**Aisha Patel**

📍 San Francisco, CA | 📧 [aisha.patel@email.com](https://mailto:aisha.patel@email.com/) | 📞 (415) 555-2024 | 🔗 linkedin.com/in/aishapatel-ai

**Generative AI Engineer**

Innovative AI engineer with 3+ years of experience specializing in generative models, LLMs, and diffusion systems. Strong background in implementing production-grade AI solutions with Python, PyTorch, and cloud platforms. Published researcher with focus on multimodal generation.

**Technical Skills**

**Core AI/ML:**

* Generative Models: GPT, Stable Diffusion, GANs, VAEs, LLMs (Llama 2, Mistral)
* Frameworks: PyTorch, TensorFlow, Hugging Face Transformers, LangChain
* Techniques: RLHF, LoRA fine-tuning, prompt engineering, vector embeddings

**Engineering:**

* Python, C++, CUDA optimization
* Cloud AI: AWS SageMaker, GCP Vertex AI, RunPod
* Deployment: FastAPI, ONNX, Triton Inference Server

**Tools:**  
Weights & Biases, MLflow, Docker, Git

**Professional Experience**

**Generative AI Engineer**

**NexusAI** | San Francisco, CA | *2022–Present*

* Developed **enterprise RAG pipeline** for Fortune 500 client, improving answer accuracy by 35% via custom Llama-2 fine-tuning
* Optimized Stable Diffusion XL inference speed by 4x using TensorRT and quantization
* Built **multimodal (text-to-3D) generation system** using NeRF and Diffusion techniques
* Led cross-functional team to deploy AI art generator with 1M+ monthly active users

**AI Research Intern**

**OpenAI** | Remote | *Summer 2021*

* Researched few-shot learning techniques for GPT-3.5 under Dr. Ilya Sutskever's team
* Contributed to open-source LLM alignment toolkit (5K+ GitHub stars)
* Published paper on "Controllable Dialogue Generation" at NeurIPS 2021

**Education**

**MS in Artificial Intelligence**  
Stanford University | \*2020–2022\*  
Thesis: "Diffusion Models for Video Generation"

**BS in Computer Science**  
MIT | \*2016–2020\*

**Publications & Patents**

* "Dynamic Prompt Routing for Mixture-of-Experts LLMs" (ICML 2023)
* US Patent #11,222,333: "System for AI-Assisted 3D Asset Generation"

**Projects**

* **VoiceClone AI:** Real-time voice synthesis toolkit (5K+ developers)
* **OpenArt:** Community-driven stable diffusion fine-tuning platform
* **LLM Benchmarking Suite:** Compare 50+ open-source language models

**Honors**

* 🏆 Top 10 in Kaggle Diffusion Model Competition (2023)
* 🚀 Y Combinator W22 (AI startup founder)