

Aditi Sharma

Email: aditi.sharma@email.com | Phone: +91-XXXXXXXXXX | LinkedIn: linkedin.com/in/aditisharma | GitHub: github.com/aditisharma

Professional Summary

Innovative and detail-oriented **Generative AI Engineer** with hands-on experience in designing, developing, and deploying advanced AI models including LLMs and GANs. Skilled in creating AI-driven solutions for text, image, and audio generation. Adept at optimizing model performance, building end-to-end AI pipelines, and integrating AI solutions into production environments. Passionate about staying at the forefront of generative AI advancements and translating cutting-edge research into practical applications.

Technical Skills

- **Programming Languages:** Python, SQL, JavaScript
 - **AI & Deep Learning:** TensorFlow, PyTorch, Hugging Face Transformers, GANs, LLMs
 - **Generative AI Tools:** Stable Diffusion, DALL·E, GPT models
 - **Cloud Platforms:** AWS, GCP, Azure
 - **MLOps & Deployment:** Docker, Kubernetes, MLflow, CI/CD pipelines
 - **Others:** Data preprocessing, model optimization, API integration
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Education

Bachelor of Technology in Computer Science

XYZ University, India | 2018 – 2022

Professional Experience

Generative AI Engineer Intern

AI Innovations Pvt Ltd | June 2022 – Present

- Designed and developed generative AI models for text and image generation using GANs and transformer-based LLMs.
- Built AI pipelines to preprocess data, train models, and deploy them into production systems.
- Optimized existing models, reducing inference time by 30% without compromising accuracy.
- Collaborated with cross-functional teams to customize AI models for client-specific applications.
- Documented model architectures, training processes, and deployment guidelines for knowledge sharing.

AI Research Assistant

XYZ University AI Lab | Jan 2021 – May 2022

- Conducted research on state-of-the-art generative models and contributed to academic publications.
- Experimented with various LLM architectures and fine-tuned models for domain-specific tasks.
- Developed proof-of-concept AI applications including text summarization and image synthesis.

Projects

- **AI Content Generator:** Developed a platform that generates text, images, and audio content based on user prompts using LLMs and GANs.
- **Image-to-Image Translation:** Built a GAN-based model to convert sketches into photorealistic images.
- **Custom Chatbot:** Fine-tuned an LLM to understand domain-specific queries for customer support automation.

Certifications

- Deep Learning Specialization – Coursera
 - Generative AI with TensorFlow – Udemy
 - AWS Certified Machine Learning – Specialty
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