GAURAV GHADGE

GENERATIVE & AGENTIC AI ENGINEER

Immediate Joiner

[LinkedIn](#) | [GitHub](#)

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Education

Master of Science
Rashtrasant Tukdoji Maharaj University
2018 - 2020

TECHNICAL SKILLS

GenAI & LLMs

OpenAI GPT-4, Claude, Gemini Pro, LLaMA, LangChain, LangGraph, AutoGen, CrewAI, Retrieval-Augmented Generation (RAG), Prompt Engineering, Fine-tuning, RLHF

AI/ML & Deep Learning

TensorFlow, PyTorch, Transformers, Hugging Face, Neural Networks, CNN, RNN, LSTM, Computer Vision, OpenCV, YOLO, Natural Language Processing (NLP), NLTK, SpaCy

Backend & APIs

FastAPI, Flask, Streamlit, Django, REST APIs, Microservices

Databases & Vector Storage

PostgreSQL, MongoDB, FAISS, Chroma, Pinecone, Weaviate, Qdrant, Vector Embeddings, Semantic Search

About me

Generative & Agentic AI Engineer with 5+ years of experience in building LLMs, GenAI systems, and autonomous agents. Specialized in fine-tuning, RAG, prompt engineering, and agentic AI using GPT-4, Claude, LangChain. Delivered scalable AI apps with 98% accuracy and 99.9% uptime across critical sectors.

EXPERIENCE

Generative & Agentic AI Engineer
Nano Tech Services | May 2020 – Present

- Managed $5M+ AI project portfolio with measurable ROI across government, healthcare, and fintech domains
- Developed and deployed 15+ machine learning models and generative AI applications using TensorFlow, PyTorch, and Transformers
- Architected RAG systems using LangChain and OpenAI GPT-4 for enterprise knowledge management serving 10,000+ users
- Designed multi-agent AI systems using LangGraph and AutoGen for document processing and workflow automation
- Implemented MLOps pipelines with model monitoring, A/B testing, and automated retraining resulting in 40% faster project delivery
- Optimized neural networks and transformer models achieving 98% accuracy in computer vision and NLP tasks

Cloud & DevOps

AWS SageMaker, Google Cloud Vertex AI, Azure Machine Learning, MLflow, Kubeflow, Docker, Kubernetes, CI/CD

Programming

Python, SQL, Apache Spark, Kafka

CERTIFICATIONS

- Generative AI Fundamentals – Google Cloud
- Prompt Engineering for ChatGPT – DeepLearning.AI (Coursera)
- AI Foundations for Everyone – IBM Cognitive Class
- Artificial Intelligence for Beginners – Great Learning
- Introduction to Generative AI – DeepLearning.AI (Coursera)
- Introduction to AI – Cisco Networking Academy

ACHIEVEMENTS

- 2× Best Employee of Quarter at Nano Tech Services for exceptional performance in AI project delivery
- Published 3 peer-reviewed technical papers on Generative AI and Computer Vision in top-tier conferences

Languages

- English
- Hindi
- Marathi

For a complete list of AI, GenAI, and ML projects:

🌐 Portfolio
gauravghadge.com

🐱 GitHub
github.com/gauravghadge

PROJECTS

Enterprise Multi-Agent Document Intelligence System

Technologies: LangGraph, Multi-Agent Architecture, GPT-4, Computer Vision, FAISS, Deep Learning

- Developed autonomous multi-agent system processing 15+ government document types with 98% classification accuracy
- Deployed production pipeline handling 50,000+ documents monthly with real-time text extraction
- Reduced manual processing time by 95% and operational costs by $2M annually through intelligent automation

Advanced RAG-Powered Knowledge Management Platform
Technologies: LangChain, GPT-4, FAISS, Semantic Search, Vector Embeddings

- Engineered enterprise RAG architecture processing 10TB+ knowledge base with sub-second query response times for Fortune 500 companies
- Implemented advanced prompt engineering and semantic chunking achieving 92% answer accuracy across 50+ business domains
- Created self-healing knowledge system reducing knowledge management overhead by 80% for enterprise clients

WHY HIRE ME

- **Proven AI Impact:** Delivered production-grade AI systems with 95% cost reduction and 98% accuracy across multiple industries, processing 1M+ documents annually with measurable ROI
- **Cutting-Edge GenAI Expertise:** Deep hands-on experience with LLMs, RAG architecture, and MultiAgent Systems using LangChain, OpenAI GPT-4, and enterprise AI deployment at scale
- **ImmediateAvailability:** Ready to join immediately with 3+ years of AI development experience, security clearance for sensitive projects, and proven track record of managing $5M+ portfolios