

Digant Kathiriya

Applied AI Engineer | LLM Systems | AI Agents | Machine Learning
Surat, India | [LinkedIn](#) | [GitHub](#) | +91 9137328333 | kathiriyadigant@gmail.com

EXPERIENCE

AI Engineer Intern

Jan 2026 – Apr 2026

Prachha Tech | Surat, India

- Developed production-grade AI systems including AI agents, SQL AI assistants, and MCP-based architectures for business applications.
- Engineered LLM-powered chatbot workflows using LangChain and LangGraph with memory-aware context management for multi-turn interactions.
- Designed real-time AI systems using WebSockets to enable low-latency conversational experiences.
- Built backend APIs and optimized inference workflows for scalable AI system deployment.
- Contributed to AI-powered Shopify chatbot platforms, intelligent sales assistants, and advanced Three.js-based rendering solutions.
- Enhanced StockAI by integrating forecasting, sentiment analysis, and portfolio analytics modules.

AI/ML Intern

Apr 2025 – May 2025

CODTECH IT SOLUTIONS | Remote

- Developed AI-driven applications across NLP, computer vision, and speech recognition using PyTorch and Hugging Face Transformers.
- Built projects including text summarization, speech-to-text pipelines, neural style transfer, and generative text modeling.
- Gained hands-on experience in model development, evaluation, and AI workflow implementation.

EDUCATION

G H Patel College of Engineering & Technology

2022 – 2026

Bachelor of Technology (B.Tech), Computer Science & Engineering (IoT)

GPA: 8.64 / 10

PROJECTS

StockAI – AI-Powered Stock Market Intelligence

Jan 2026

- Developed an AI/ML-powered stock intelligence platform for forecasting, portfolio optimization, sentiment analysis, and strategy backtesting.
- Implemented LSTM, Random Forest, and FinBERT models for prediction and financial sentiment analysis.

SQL AI Assistant & MCP Agent Framework

Feb 2026

- Architected secure SQL AI assistant systems with MCP-based tool orchestration for schema-aware conversational database querying.
- Implemented memory/context management and role-based response constraints for enterprise usage.

AI-Powered Sales / Shopify Chatbot Platform

Mar 2026

- Built production-ready LLM-powered sales assistant with WebSocket-based real-time communication and memory-aware personalization.
- Developed multi-store Shopify AI chatbot workflows with context-aware recommendations.

Three.js Diamond Rendering Engine

Apr 2026

- Engineered interactive Three.js-based 3D rendering system for configurable diamond visualization and measurement analysis.
- Implemented dynamic model loading, geometric controls, customization logic, and export functionality.

TECHNICAL SKILLS

- Programming:** Python, C++, C, SQL
- AI/ML:** Machine Learning, Deep Learning, LLMs, AI Agents, LangChain, LangGraph, RAG, Prompt Engineering
- Backend & Systems:** FastAPI, WebSockets, REST APIs, Docker
- Data & Analytics:** Pandas, NumPy, Matplotlib
- Tools:** Git, GitHub, Linux, Three.js

CERTIFICATIONS

- Google Gen AI Study Jam | IBM Enterprise Data Science
- Basic Statistics (University of Amsterdam) | JPMorgan Forage Quant Research