KRUSHANK RANGANI

Surat, India | +91-7778888578
krushankrangani.ai@gmail.com | linkedin.com/in/krushankrangani | github.com/ranganikrushank

PROFESSIONAL SUMMARY

AI/ML Engineer specializing in LLMs, RAG systems, and scalable AI architectures. Experienced in building production-ready AI applications that automate workflows, improve efficiency, and support real-world business use cases.

TECHNICAL SKILLS

- **Languages:** Python, SQL
- **AI/ML:** Machine Learning, Deep Learning, NLP, LLMs, RAG
- **Frameworks:** Flask, LangChain, TensorFlow, PyTorch, Scikit-learn
- **Databases:** PostgreSQL, MySQL, Pinecone, ChromaDB
- **Tools:** Pandas, NumPy, OCR (Tesseract), Git, REST APIs

EXPERIENCE

Freelance AI Engineer **Sept 2025 – Present**
Independent Consultant

- Delivered end-to-end AI and Generative AI solutions for startups and businesses, from requirement analysis to deployment.
- Built production-grade RAG applications, AI chatbots, document intelligence systems, and workflow automation platforms using LLMs and vector databases.
- Designed scalable backend architectures with Python, Flask, LangChain, PostgreSQL, Pinecone, and ChromaDB.

AI Engineer **Jun 2025 – Sept 2025**
Key Concepts, Surat

- Built end-to-end ML pipelines including preprocessing, feature engineering, and evaluation.
- Improved NLP model performance through optimization and better data handling.
- Integrated AI models into production systems via REST APIs.

AI Engineer Intern **July 2024 – Aug 2024**
Avinashi.ai, Surat

- Assisted in deploying AI models using Docker workflows.
- Prepared datasets and trained models for NLP and classification tasks.

PROJECTS

AI SaaS Copilot — Multi-Agent Automation Platform
Python, Flask, LangChain, LLMs, Vector DB, Redis

- Built a production-ready AI SaaS system for automating support, document analysis, and workflows.
- Designed RAG pipelines enabling real-time, context-aware responses across large datasets.
- Implemented multi-agent architecture (planner, retriever, executor) for complex reasoning.

BotFactory — AI Chatbot Builder
Flask, LangChain, Pinecone, LLMs

- Developed a scalable chatbot SaaS platform using RAG for custom data-based responses.
- Implemented multi-tenant architecture with secure data isolation.
- Designed real-time document ingestion and embedding pipeline.

ClaimDoc AI — Intelligent Document Processing
Python, OCR, LLM

- Built system to extract structured data from multilingual documents.
- Reduced manual processing time by 60% through automation.

EDUCATION

B.E. in Computer Engineering **2026**
C. K. Pithawala College of Engineering (GTU), Surat

CERTIFICATIONS

- Google ML Crash Course — Google
- ML & NLP Micro-Courses — Kaggle
- Generative AI — DeepLearning.AI
- Transformers Course — HuggingFace