

Yash Nilesh Gori

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AI Engineer specializing in RAG systems and enterprise AI solutions. Led development of production-ready quality control platform reducing document generation time by 90%. Experienced in building scalable AI systems with Azure cloud services, achieving 80% compliance accuracy for regulatory predictions.

WORK EXPERIENCE

AI Engineer | Webotix IT Consultancy

December 2024 – June 2025

- Architected end-to-end **AI-powered QC platform** using Azure OpenAI GPT-4o and RAG, reducing template generation time by **90%** while maintaining **80% regulatory compliance** accuracy.
- Implemented **multi-tenant architecture** with Azure Cosmos DB and Redis caching, achieving sub-second response times for cached queries
- Built intelligent document processing pipeline using Azure Document Intelligence OCR for digitizing legacy QC docs.
- Led AI development independently with **Microsoft AI Hub** funding and support, integrating **25+ parameter types** for comprehensive QC templates.

Business Analyst & Strategy | N. K. Engineering

June 2024 – November 2024

- Implemented data-driven strategies using predictive analytics to identify growth opportunities
- Expanded market share by **12%** through targeted investor acquisition and strategic planning
- Built automated BI dashboards tracking 15+ KPIs, identifying market opportunity through competitor analysis

Product Design Lead | MetaRizz

December 2023 – May 2023

- Collaborated with stakeholders to create comprehensive product requirements and wireframes using Figma, implementing user feedback-driven features that achieved 40% improvement in completion times
- Led GuestInMe app revamp with enhanced UI/UX features including table booking and club pass functionality, serving 1,000+ users with improved performance metrics

Business Development Manager | Watermelon Gang

August 2022 – November 2023

- Managed team of 2 (editor, copywriter) for content production pipeline and quality assurance
- Onboarded **5 enterprise clients** fintech and cryptocurrency clients, through strategic outreach
- Increased engagement metrics by **35%** through data-driven content strategy optimization

PROJECTS

Swift Check AI: Enterprise QC Platform | Azure OpenAI, Flask, Cosmos DB, Redis, Docker

[Link](#)

- Architected complete AI microservice handling template generation, OCR digitization, and compliance validation.
- Integrated Azure Document Intelligence for paper form digitization with 95% field extraction accuracy.

DocuTalk: Conversational Document Intelligence | Python, FAISS, LangChain, Gemini Embeddings, Flask

[Link](#)

- Engineered semantic search system using FAISS vector database with Gemini sentence embeddings for context-aware document Q&A up to 100+ pages
- Deployed cross-platform solution with Flutter frontend and Flask API backend

RBI Compliance Finance Advisor | Python, Mixtral LLM, GROQ Cloud, FAISS, Custom Model Training

[Link](#)

- Trained custom model on RBI regulatory documents achieving **80% accuracy** in loan compliance predictions
- Built multi-agent system for MPBF/DP computations and automated compliance verification
- Implemented dynamic vector search with FAISS for real-time regulatory updates and query handling

LinkedIn Profile Optimization Platform | Streamlit, GROQ Cloud, Mixtral LLM, Multi-Agent System

[Link](#)

- Designed multi-agent evaluation system providing role-specific profile optimization with conversational AI guidance
- Implemented feedback generation pipeline analyzing profile, keyword optimization, and industry alignment

TECHNICAL SKILLS

Programming & Frameworks: Python, LangChain, Flask, Streamlit, FastAPI, REST APIs, PostgreSQL, Redis

AI/ML Technologies: RAG Systems, FAISS, Pinecone, Azure AI Search, GPT-4, Mixtral, Llama, Gemini, Prompt Engineering

Cloud & DevOps: Azure (OpenAI, Cosmos DB, Container Apps, AI Foundry), Docker, GitHub Actions, CI/CD

Data & Analytics: Pandas, NumPy, Scikit-learn, Power BI, Vector Databases, OCR Processing

Soft Skills: Cross-functional team management, stakeholder presentation, client relationship building, Complex requirement analysis, creative solution design, fast technology adoption, agile methodology

EDUCATION

K. J. Somaiya College of Engineering

B.Tech. in Information Technology | CGPA: 8.12/10

Mumbai, Maharashtra

2021–2025

VOLUNTEERING

English & Computer Instructor | Vacha NGO

July 2024

- Designed innovative learning modules for underprivileged students, improving digital literacy engagement