

Yash Nilesh Gori

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Summary

AI Engineer experienced in building and deploying ML and GenAI systems, including Retrieval-Augmented Generation (RAG), predictive modeling, and scalable APIs. Experienced in building scalable AI platforms (GPT, Mixtral, Gemini), optimizing compliance systems, and deploying systems with sub-second latency.

Experience

AI Engineer Webotix IT Consultancy	Dec 2024 – June 2025
<ul style="list-style-type: none">Built AI-powered QC automation platform (Azure OpenAI + RAG), cutting template creation time by 90% with 80% compliance accuracy.Designed multi-tenant architecture (Azure Cosmos DB + Redis caching), enabling sub-second responses.Integrated Azure Document Intelligence OCR to digitize legacy QC docs; secured \$5k Microsoft AI Hub funding for B2B deployment.	
Business Analyst N. K. Engineering	June 2024 – Nov 2024
<ul style="list-style-type: none">Built automated Power BI dashboards tracking 15+ KPIs, uncovering ₹5Cr+ revenue opportunities in underserved engineering niches.Used predictive analytics to flag growth pockets; recommendations contributed to 12% market share expansion.Designed a responsive e-commerce platform and interactive product catalog, improving customer engagement.Applied ML-driven competitive analysis to identify five high-value investor prospects all closed.	
Product Design Lead MetaRizz	Dec 2023 – May 2024
<ul style="list-style-type: none">Refactored legacy design of GuestInMe; shipped table booking and club pass features used by 1,000+ users.Partnered with Flutter devs to turn specs into API-ready tickets; kept scope tight and delivery on time.Used engagement analytics to iterate on flows; campaigns and in-app UX changes drove a 40% lift in key interactions.Acted as the product-engineering bridge: backlog, acceptance criteria, QA sign-off.	
Business Development Manager Watermelon Gang	Aug 2022 – Nov 2023
<ul style="list-style-type: none">Led AI-assisted content production pipeline for 5 enterprise fintech & crypto clients, managing editor & copywriter.Deployed analytics-driven strategies using social media performance data, improving engagement by 35%.Applied AI tools for content optimization, increasing CTR and retention on client campaigns.	

Projects

Swift Check AI: QC Platform Azure OpenAI, Flask, Document Intelligence, Cosmos DB, Redis, Docker	
<ul style="list-style-type: none">Architected multi-tenant RAG microservice (Azure OpenAI + FAISS-style retrieval) for template generation and compliance validation; integrated Azure Document Intelligence OCR.Cut document generation time 90%; supported 25+ configurable parameters and maintained ~80% compliance accuracy with sub-second cached responses.	
Financial Compliance Automation Tool Python, Mixtral LLM, GROQ Cloud, FAISS, Model Training	Link
<ul style="list-style-type: none">Built custom RAG pipeline trained on RBI docs; iterative refinement achieved ~80% compliance prediction accuracy.Demonstrated 10% potential annual cost-savings opportunity for banks via automated checks.	
Inhance: LinkedIn and Resume Profile Optimization Platform Streamlit, GROQ Cloud, Mixtral LLM, Multi-Agent System	Link
<ul style="list-style-type: none">Implemented multi-agent evaluation and ATS-scoring pipeline; produced role-specific optimization suggestions and LaTeX resume generation.Delivered automated, actionable recommendations and an interactive enhancement agent for profile tuning.	
DocuTalk: AI-Powered Document Intelligence Platform Python, FAISS, LangChain, Gemini Embeddings, Flask	Link
<ul style="list-style-type: none">Engineered semantic search + conversational layer using Gemini embeddings + FAISS; handled context-aware Q&A for docs 100+ pages.Cross-platform deploy (Flutter) and reduced manual review from hours to minutes; adoption improved 40%.	

Skills

AI/ML Core: Retrieval-Augmented Generation (RAG) systems, vector databases (FAISS, Pinecone), LLM integration (GPT, Mixtral, LLaMA, Gemini), OCR processing, NLP, prompt engineering
Programming & Frameworks : Python, LangChain, Streamlit, FastAPI/Flask, Azure (OpenAI, Cosmos DB, Container Apps), Docker, GitHub Actions.
Data & Analytics: Pandas, NumPy, model evaluation (AUC, F1), Power BI.

Education

K. J. Somaiya College of Engineering	Mumbai, Maharashtra
B.Tech. in Information Technology CGPA: 8.12/10	2021–2025

Impact and Achievements

Semi-finalist Devopia 7.0 Hackathon - Top 3 teams for AI-powered solution.
Volunteer Instructor Vacha NGO - Designed educational programs and taught for 30+ underprivileged students.
Microsoft AI Hub - Secured funding through competitive pitch for Swift Check AI platform