

KASHISH BHARAT MANGTANI

AI Engineer | Data Engineer | Applied GenAI

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Portfolio: kashishmangtani.com

Open to relocation & remote - India, Europe, Dubai, international (will need visa assistance outside India)

SUMMARY

AI Software Engineer building AI systems and data pipelines end to end - from RAG chatbots and conversational agents over vector databases through ETL pipelines and BI dashboards. B.Tech in Computer Engineering (2026). Hands-on with Python, SQL, OpenAI/LLM APIs, retrieval-augmented generation, and cloud deployment (Docker, nginx). Seeking AI Engineer / Data Engineer roles.

TECHNICAL SKILLS

AI / ML: Python, LLMs, OpenAI APIs, Retrieval-Augmented Generation (RAG), Vector Databases, AI Agents, Prompt Engineering, NLP, Computer Vision (OpenCV), Model Evaluation, Pandas, NumPy

Data Engineering: SQL, ETL Pipelines, PostgreSQL, Data Modeling, Data Quality, KPI Pipelines, Power BI, Tableau, DAX

Software / Infra: REST APIs, Docker, nginx, PM2, Git, DigitalOcean

Automation: n8n, Workflow Automation, Process Automation, System Integration

SELECTED PROJECTS

- **RAG Knowledge-Base Chatbot - Utility Self-Service Portal.** Built a retrieval-augmented chatbot over a structured knowledge base (vector store) covering new connections, billing/payments, and rooftop-solar workflows; engineered a PDF content-extraction pipeline for a React single-page app.
- **Full-Stack AI E-Commerce Assistant.** Shipped an AI shopping demo (React/Vite + Node/Express) integrating GPT-4o-mini with voice (ElevenLabs) and an AI avatar (Tavus); handled multilingual (Hindi/Hinglish) voice queries, dynamic pricing, and cart/checkout logic.
- **Retail Sales Analytics ETL Pipeline.** Engineered an end-to-end ETL pipeline (Python, SQL, PostgreSQL) into a modeled warehouse layer, surfaced through an automated Power BI dashboard — cut reporting turnaround ~30%.

EXPERIENCE

Age of AI Pvt. Ltd.

Remote • Mar 2026 – Present

AI Software Engineer

- Build and ship LLM-powered conversational AI applications across the full stack (React/Vite, Node/Express) — integrating GPT-4o-mini with retrieval-augmented generation (RAG) over structured knowledge bases, plus voice (ElevenLabs) and AI-avatar (Tavus) layers.
- Engineer RAG chatbots and agent knowledge bases with vector retrieval, multilingual (Hindi/Hinglish) voice handling, and prompt / persona configuration.
- Deploy and operate AI services in production on Linux (Ubuntu) servers using Docker, nginx, and PM2 — managing subdomain routing and TLS provisioning.

Mokxa Technologies, LLC

Remote • Dec 2025 – Mar 2026

Analyst Intern

- Built KPI reports and dashboards from operational data (SQL + Excel), translating stakeholder requirements into structured analytical specs and surfacing performance gaps to support process optimization.

CodeElan Technologies Pvt. Ltd.

Remote • Aug – Nov 2025

Data Analyst Intern

- Scoped data-driven solutions with stakeholders, documented analysis requirements, and delivered reporting that fed strategic and operational decision-making.

IBM SkillsBuild

Remote • Jul 2025

Data Analyst Intern

- Analyzed real-world datasets and built interactive dashboards to drive business problem-solving.

SphereRays Technolabs Pvt. Ltd.

Rajkot • May – Jul 2024

Power BI Intern

- Designed KPI dashboards and converted raw data into automated, actionable reporting.

MTX IT Consulting Services Pvt. Ltd.

Remote • May – Jul 2024

Salesforce Intern

- Applied CRM workflows to customer-data management and automation; supported requirement-aligned solution development.

EDUCATION

B.Tech, Computer Engineering — Marwadi University, Rajkot

2022 – 2026

CGPA 8.18 / 10

CERTIFICATIONS

- **AWS Academy — Data Engineering.** Cloud data-engineering fundamentals.
- **IBM — Data Engineering Professional Certificate (Coursera).** End-to-end data engineering specialization.
- **University of Michigan — Python Data Structures (Coursera).** Core Python programming.
- **Infosys Springboard — Business Analytics with WEKA.** Applied analytics and modeling.
- **Coursera — Data Analysis with Excel.** Spreadsheet-based analysis.

PUBLICATION

AI-Driven Heart Disease Risk Prediction Using Machine Learning - Selected by Marwadi University for publication and released on Amazon Kindle, recognizing research quality and practical impact. [View on Amazon](#)

LEADERSHIP & COMMUNITY

- **Rotary International Summer Camp, Istanbul — Sole Youth Delegate.** Selected as the only youth delegate; recognized as a Paul Harris Fellow for contributing USD 1,000 to Rotary's global humanitarian initiatives.
- **Active Rotary Volunteer (since age 10).** Led and supported tree-plantation drives, food distribution, School on Wheels education programs, and menstrual-hygiene awareness campaigns to promote community welfare.