

KATHAN GADHIYA

DATA SCIENTIST & AI DEVELOPER

EDUCATION

BTech in Artificial Intelligence

2024 – 2028

Gandhinagar University

- Specializing in ML and AI Architecture.
- Consistent academic excellence with a focus on practical AI implementation.

TECHNICAL SKILLS

AI & MACHINE LEARNING

MediaPipe Computer Vision

DATA SCIENCE & ANALYTICS

Python SQL EDA Statistical Modeling

Data Visualization

WEB & DEVELOPMENT

WebSockets HTML/CSS Git/GitHub MLOps

TOOLS & SOFT SKILLS

Problem Solving Technical Leadership

Project Architecture

EXPERIENCE & KEY PROJECTS

Flux Lead (Open Source Innovation)

2026 – Present

Real-time Gesture Control Engine

Repository Live Demo

- Engineered a high-performance gesture control system using MediaPipe and WebSockets, reducing latency for hands-free OS navigation.
- Designed an infinite canvas sketching engine optimized for real-time AI-based hand tracking.
- Collaborating with open-source contributors to integrate Flux into various desktop environments.

10,000 Employees Data Analytics

2025

View Project

- Scaled a data analytics pipeline to process 10,000+ employee records, extracting actionable insights for organizational trends.
- Integrated a Power BI dashboard with advanced DAX measures to visualize attrition and performance metrics.

Freelance AI Product Developer

2025 – Present

Portfolio

- Developing custom Agentic AI solutions and autonomous systems, integrating LLMs and Computer Vision for specialized industry automation.
- Architecting end-to-end data pipelines and real-time visualization dashboards to transform raw data into actionable business intelligence.
- Designing high-performance, responsive AI interfaces with a focus on intuitive UX and technical scalability for modern web ecosystems.

CERTIFICATIONS

AI Engineer Certification

Advanced AI architecture and neural network deployment.

View

Python Programming Certification

Professional proficiency in automation and data structures.

View

Data Science Certification

Comprehensive training in statistical analysis and ML pipelines.

View

PROFESSIONAL SUMMARY

Self-driven learner — completed 3 industry-recognized certifications alongside full-time academics. Dedicated Data Scientist and AI Developer with expertise in Computer Vision and large-scale data analytics