

Pinal Gajjar

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SUMMARY

AI/ML Engineer with 4+ years of experience developing end-to-end solutions integrating Azure cloud, GPT-based NLP, AutoGen multi-agent systems, and Power Platform. Proven track record in building AI-powered platforms, scalable ETL pipelines, and event-driven architectures. Strong background in federal-compliant AI workflows, statistical modeling, and interactive dashboards for business intelligence.

EDUCATION

Yeshiva University, Katz School of Science and Health – New York, NY

Jan 2025

Master of Science in Artificial Intelligence (GPA: 3.83)

Gujarat University – Ahmedabad, IN

June 2021

Bachelor of Science in IT - Software Development

SKILLS

- **Languages & Tools:** Python (Scikit-learn, TensorFlow, PyTorch), JavaScript, R, Lovable AI, Supabase
- **AI/ML & NLP:** Supervised/Unsupervised Learning, Deep Learning (CNN, RNN, Transformers), GPT-4o, BERT, RoBERTa, VisualBERT, Prompt Engineering, AutoGen multi-agent systems, RAG pipelines, Reinforcement Learning
- **Cloud & DevOps:** Azure (Functions, AI Studio, Event Grid, Logic Apps), AWS, GCP, GitHub Actions, ETL Pipelines
- **Databases:** Cosmos DB, PostgreSQL, Microsoft Dataverse, Azure SQL, PostgreSQL, MySQL, BigQuery, Neo4j

EXPERIENCE

AI Project Manager / EPM

Community Dreams Foundation – Remote, USA

Sep 2024 – Present

- Leading development of an AI-powered sustainable clothing platform using NLP categorization, price optimization, and bidding logic
- Built NLP pipelines using GPT-4o for automated content refinement and compliance checks via Azure AI Studio
- Deployed Azure Functions-based ML pipelines and reduced latency by 35%
- Defined key KPIs and implemented predictive models, improving project execution efficiency by 20%
- Created Power BI dashboards, increasing insight accessibility by 40%

Marketing & Data Analyst

Blissful7 – Ahmedabad, India

Nov 2021 – Aug 2023

- Developed classification models (Random Forest, Logistic Regression) to score leads and detect fraud
- Conducted A/B tests and funnel analytics, improving conversion rates by 23%
- Automated SQL-based campaign pipelines to support real-time marketing performance monitoring
- Reduced policy violations by 18% using behavior segmentation and intervention strategies

Data Analyst

Modiant World – Ahmedabad, India

Aug 2020 – Sep 2021

- Designed analytics pipelines integrating Python, SQL, and BI tools for product monitoring
- Drove experimentation and A/B testing processes that led to a 22% increase in customer engagement
- Conducted EDA to uncover usage trends and support roadmap prioritization
- Standardized metrics and data quality practices across reporting teams

CERTIFICATES

- Machine Learning Specialization – Stanford University (Coursera) | Jan 2023
- Advanced Certification in Data Science – IIIT Bangalore | July 2022