

Aryan Jain

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EDUCATION

MS Data Science <i>Drexel University Philadelphia, PA</i>	Sept 2023 – June 2025 GPA: 3.9
BS Computer Science with Business Minor <i>NMIMS University Mumbai, India</i>	July 2019 – May 2023

WORK EXPERIENCE

AI & Automation Consultant Freelance Remote	July 2025 – Aug 2025
<ul style="list-style-type: none">• Converted 1000+ payroll PDFs into structured JSON using Gemini LLM; saved 10+ weeks of manual data entry• Built Playwright bot to automate payroll uploads to Accountant World's non-API portal across 85+ clients• Saved \$20K+ in labor costs; generated \$2K+ in revenue via tool reuse for new client payroll migrations• Skills: LLMs, Prompt Engineering, Playwright, Automation, PDF Parsing, RPA, Document AI, Chunking Strategies	
Data Science Intern MitraQSR Dallas, TX	Sept 2024 – Dec 2024
<ul style="list-style-type: none">• Extracted P&L data for 178 stores from R365 and built dashboards to compare revenue, costs, and EBITDA across stores• Built a Retrieval-Augmented Generation (RAG) tool using FAISS + LLM APIs to query complex financial documents• Diagnosed over \$12K+ EBITDA gaps caused by maintenance and overtime issues, enhancing executive decision-making• Skills: Data extraction, Retrieval-Augmented Generation, ETL Pipelines, FAISS, Dashboards, Business Analytics	
Data Analyst Intern Barrier Breakers Inc. Princeton, NJ	June 2024 – Sept 2024
<ul style="list-style-type: none">• Migrated 1000+ student records from Trello, Evernote, and Zoho to Monday.com with 99% data accuracy• Developed Python-based automation scripts to trigger workflows from form submissions, reducing manual tasks by 48%• Skills: Data migration, Process automation, CRM Systems, Python scripting, GraphQL, Workflow Orchestration	
Data Science Intern Celebal Technologies India	Jan 2021 – Sept 2022
<ul style="list-style-type: none">• Analyzed prediction gaps in revenue and headcount models for 20M+ US/Canada business records; developed industry-specific XGBoost solutions to improve accuracy in weak-performing sectors• Presented EDA and modeling insights to the client, highlighting where the model's performance dropped across industries• Spearheaded development and deployment of forecasting APIs using SARIMA and Prophet on Azure for BI dashboards• Skills: XGBoost, EDA, Forecasting APIs, SARIMA, Prophet, Azure, Business Intelligence	

PROJECTS

High-Speed Inference with Triton and PyTorch Drexel University	Jan 2025 – June 2025
<ul style="list-style-type: none">• Deployed ResNet-based classifier on NVIDIA Triton Inference Server to batch infer 10,000+ image in under 7 seconds• Optimized PyTorch training pipeline using CUDA kernels, cutting training time by 32% on A100 GPUs• Skills: NVIDIA Triton, PyTorch, CUDA, Docker, CI/CD, ResNet, High-performance computing, Model deployment	
Comcast AI Challenge Winner Philly Codefest 2025	Mar 2025
<ul style="list-style-type: none">• Produced generative AI-based animated video using META AI and Runway ML for realistic character and scene creation• Integrated GPT-4 and ElevenLabs for script generation and voice synthesis, creating expressive and human-like dialogues• Skills: Generative AI, GPT-4, ElevenLabs, Animation, Meta AI, Multi-modal models	

CERTIFICATIONS

Azure Data Scientist Associate Microsoft	May 2022
Azure AI Engineer Associate Microsoft	Mar 2022

TECHNICAL SKILLS

Programming: Python, R, SQL, MATLAB, JavaScript, C/C++, HTML, CSS
ML and AI: Document AI, TensorFlow, PyTorch, XGBoost, LightGBM, OpenCV, SpaCy, BERT, Langchain, Time Series
Cloud and DevOps: AWS (S3, RDS, EC2), Azure, Databricks, PySpark, MySQL, Docker, MLflow, CI/CD Pipelines
Visualization and APIs: Tableau, Power BI, Plotly, Dash, Matplotlib, Seaborn, Streamlit, Flask, FastAPI, RESTful APIs