

Summary

Data Science graduate with 3+ years building production ML systems and data infrastructure for international clients. Reduced operational costs 40-60% through intelligent automation. Presented technical insights to engineering teams and business leaders, translating complex data into actionable strategies.

Experience

AI & Automation Developer <i>Pexdel Solutions</i>	Aug 2025 – Sep 2025 Lahore, Pakistan
<ul style="list-style-type: none">Built customer engagement system using n8n and OpenAI GPT for service inquiry automationIntegrated Twilio voice API and Google Calendar for automated scheduling, delivering in 4 weeksCoordinated requirements with design and stakeholder teams across multiple channels	
ML Engineer <i>Enterprise Clients via Upwork Platform</i>	Sep 2023 – Sep 2024 Lahore, Pakistan

ML Engineer
Enterprise Clients via Upwork Platform

- Completed 8+ projects building document analysis systems with Flan-T5 and Llama 3.8B models
- Created PyTorch transformer prototype for client education, generating \$15K in revenue
- Implemented prompt engineering strategies, reducing client API costs by 40%

Data Automation Developer
HR Tech Clients via Upwork Platform

- Built automation systems for 5 HR companies processing 50K+ monthly resumes
- Designed ETL pipelines with validation frameworks, collaborating with product teams
- Developed Power BI dashboards presenting recruitment metrics to executives

Projects

InSightAI Python, OpenAI, LangChain  	Jan 2025
<ul style="list-style-type: none">Published an open-source PyPI package (InSightAI) with 7 LLM-powered agents for natural language data analysisReduced manual data analysis time by 70% through automated code generation	
Whisper Small Urdu ASR PyTorch, Transformers 	Oct 2025
<ul style="list-style-type: none">Fine-tuned OpenAI Whisper model for Urdu speech recognition and deployed it on Hugging Face Hub, achieving 20+ downloads	
E-commerce Data Warehouse PostgreSQL, dbt, Power BI 	Dec 2024
<ul style="list-style-type: none">Designed a star-schema data warehouse to process 100K+ transactions, improving query performance for analyticsImplemented dbt transformations with a CI/CD pipeline and thorough documentation, ensuring maintainable and accurate data workflows	
Stock Market Prediction XGBoost, FastAPI, Docker  	May 2024
<ul style="list-style-type: none">Engineered an ensemble stock prediction system with 73 features, achieving a 4.25 Sharpe ratio in backtestsDeployed the model as a FastAPI microservice, containerized with Docker to deliver predictions in under 3 seconds	

Technical Skills

Languages: Python, SQL, R, JavaScript, TypeScript
ML & AI: PyTorch, TensorFlow, scikit-learn, XGBoost, LangChain, RAG, Prompt Engineering
Data: Power BI, Tableau, Spark, Airflow, dbt, PostgreSQL, MySQL, ETL
Tools: Docker, FastAPI, Flask, Git, n8n, GCP, Azure

Education

FAST NUCES <i>Bachelor of Science in Data Science</i>	Sep 2021 – Jun 2025 Lahore, Pakistan
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Relevant: Machine Learning, Deep Learning, NLP, Data Warehousing, Statistical Analysis

Research & Certifications

Publications: "Mobile Edge Computing" – arXiv:2404.17944 (2024)