

NEEL SHIRISH MORE

DATA & AI ANALYST

Manchester, UK | Graduate Visa (Valid until Aug 2027) | +44 7393 063 988 | neelmore007@gmail.com

[Linkedin](#) | [Github](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Data Architect with experience designing data models, building secure data integration layers, and establishing data governance practices within cloud environments. Proven track record of leading data migrations, implementing data quality and validation frameworks, and translating complex business requirements into scalable, interoperable data solutions. Strong communicator who bridges technical teams and non-technical stakeholders.

TECHNICAL SKILLS

NLP & LLM: Text preprocessing & cleaning, tokenisation, entity extraction, summarisation, RAG pipelines, fine-tuning LLMs (GPT-2, Llama), Hugging Face Transformers, LangChain, spaCy.

Data Analysis & Analytics: Exploratory data analysis, statistical modelling, data cleaning & validation, web scraping data pipelines, ETL design, entity resolution, data linking.

Databases & Storage: PostgreSQL, MongoDB, Neo4j, vector databases (FAISS), cloud data lakes, data warehousing.

Cloud & Infrastructure: Docker, Kubernetes (AKS), Azure cloud, CI/CD, FastAPI, Redis.

Languages & Tools: Python (6+ years), SQL, Linux, TypeScript/Node.js, Git, Bash.

Data Architecture & Modelling: Relational & analytical data modelling, schema design, data quality frameworks, data governance (GDPR).

EXPERIENCE

Data Scientist & AI Backend Developer

Dec 2025 – Present

RTN Zero Consulting

Manchester, UK

- Built end-to-end analytical data pipelines for forecasting and reporting, handling data ingestion, cleaning, transformation, and serving via REST APIs with FastAPI.
- Led database migration from MongoDB to PostgreSQL, designing analytical schemas for structured querying and reporting.
- Integrated AI services with structured data sources, implementing data validation and quality checks to ensure accuracy in AI-generated outputs.
- Built data validation and cleaning frameworks across multi-tenant environments with audit logging and secure data handling.
- Translated business requirements into data solutions, communicating analytical insights and architectural decisions to cross-functional stakeholders.

Data Analyst (Data Engineering & DevOps Focus)

Sept 2023 – Oct 2025

Subtle Solutions

India (Remote)

- Built end-to-end data pipelines migrating commercial data into cloud data lakes, with standardised ingestion patterns, data cleaning, and quality controls.
- Maintained CI/CD pipelines for data platform deployments, ensuring reliable delivery of data infrastructure.
- Collaborated with business stakeholders to gather data requirements, translating them into scalable pipeline designs and analytical solutions.
- Orchestrated data migration and integration workflows with data governance and compliance standards.

Software Engineering Virtual Experience

Dec 2021

JPMorgan Chase & Co.

Remote

- Developed a real-time data feed interface for stock price data, implementing robust data parsing, cleaning, and validation for high-frequency trading environments.

PROJECTS

CorpRisk-AI: Enterprise Due Diligence System | *Python, FastAPI, PostgreSQL, Docker, Azure*

- Built an AI-powered risk assessment platform using FastAPI, Docker, and PostgreSQL for analysing corporate data with ML and NLP.
- Implemented NLP pipelines for entity extraction, text cleaning, and anomaly detection from unstructured financial and corporate documents.
- Designed data retrieval and synthesis services with observability for monitoring data quality and consistency.

Full-Stack Containerized Data Application | *Portfolio*

- Built a cloud-native application with Python, Django, and Neo4j, delivering a web interface backed by REST APIs.
- Designed hybrid vector-graph database structures for entity resolution and complex querying across structured and unstructured data.
- Applied access controls and data handling practices to ensure compliant data processing.

Symbolic Machine Learning Prover (SMLP) | *Intel & Univ. of Manchester*

- Collaborated with Intel engineers on C++ integration pathways for the Python ML Prover.
- Utilised performance instrumentation and profiling tools to evaluate throughput, integrating the solution into production-grade Linux workflows.

Hybrid NLP Summarization System | *Python, Sentence-Transformers, BART, FastAPI, Docker*

- Built a hybrid multi-document summarization system combining KMeans clustering with BART-based abstractive refinement for NLP text processing.
- Containerised with FastAPI and Docker, deployed as a scalable text summarization microservice.
- Implemented text preprocessing pipelines for cleaning and structuring unstructured document data.

EDUCATION

MSc. Artificial Intelligence

University of Manchester

Sept 2023 – Sept 2024

Manchester, UK

- **Core Focus:** Large-Scale Systems, Computer Vision, Data Science, Cognitive Robotics

B.E. Computer Engineering

Bharati Vidyapeeth's College of Engineering

Aug 2019 – Aug 2023

Pune, India

- **Core Focus:** Data Engineering, Operating Systems, Network Security, NLP, Algorithms

PUBLICATIONS & CERTIFICATIONS

- Kadam Pratima, More Neel. et al. (2023) 'Deep Learning and Artificial Intelligence for Games', IOSR Journal of Computer Engineering.
- LinkedIn Learning (2026) 'Microsoft Azure Solutions Architect Expert (AZ-305) Cert Prep' .
- Udemy (2023) 'Machine Learning in Python' .
- Udemy (2022) 'Reinforcement Learning: Beginner to Master' .
- GIS Science Journal (2022) 'Nanocomposites' .