



AI Engineer

Job Information

Recruiter

NEXUS Corporation

Job ID

1589187

Industry

IT Consulting

Company Type

Large Company (more than 300 employees) - International Company

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

Negotiable, based on experience

Refreshed

April 30th, 2026 05:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

None

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

As part of a global team, you will support organizations by transforming bold ideas into real-world impact. Collaborating with talented colleagues worldwide, you will help clients rethink how they use technology to achieve growth, innovation, and a more sustainable future. From strategy formulation to designing and developing cutting-edge solutions in AI, cloud, and data, you will be part of projects that solve meaningful challenges and create lasting value for businesses, communities, and your own career.

Key Responsibilities :

AI & Model Development

- Design, train, and deploy predictive machine learning models and LLM-powered applications, including Retrieval-Augmented Generation (RAG) systems.
- Leverage Azure Machine Learning and Azure AI Foundry to build scalable and production-ready AI solutions.

Data Integration & Collaboration

- Partner with data engineering teams to ingest and process high-volume datasets (Parquet, CSV, text) from Azure Data Lake Storage (ADLS) and Azure Synapse Analytics.
- Ensure seamless integration between data pipelines and AI workflows.

Application Architecture

- Develop serverless orchestration layers using Azure Functions to connect AI models with downstream applications and APIs.
- Support real-time and batch inference use cases.

Search & Storage Optimization

- Use Azure AI Search to enable low-latency retrieval for AI outputs, embeddings, and metadata.
- Contribute to efficient data and metadata storage strategies.

Operational Excellence & MLOps

- Implement MLOps best practices, including model versioning, monitoring, and lifecycle management.
- Integrate AI workflows into CI/CD pipelines to enable automated testing and deployment.

Required Skills

Azure AI & Cloud Stack:

- Hands-on experience with Azure Machine Learning, Azure AI Foundry, and Azure OpenAI Service.

Data & Analytics:

- Strong understanding of Azure Data Lake Storage (ADLS) and Azure Synapse Analytics.
- Experience working with Parquet files and large-scale, enterprise data environments.

Programming & Frameworks:

- Proficiency in Python for AI/ML development.
- Working knowledge of Scala and Apache Spark, aligning with enterprise ETL platforms.

Backend & Storage:

- Experience building serverless solutions using Azure Functions.
- Familiarity with Azure Cosmos DB or other NoSQL data stores.

DevOps & Automation:

- Knowledge of CI/CD tooling such as Azure DevOps or GitHub Actions to automate AI and ML workflows.

Preferred Qualifications:

- Experience in the Insurance or Financial Services domain
- Ability to extract actionable insights from complex customer and transactional datasets
- Hands-on experience designing and implementing RAG-based AI systems
- Familiarity with distributed data processing using Azure Databricks

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