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Senior AI Engineer

Description

Qualification: This role is for a senior developer with 3-5 years of practical experience building AI systems.

Experience: 3-5 Years

Job Location: Mahape, Navi Mumbai

Job Mode: 5 Days – Work from Office

Hiring organization

Arrk Limited

Date posted

10/04/2025

AI Engineering System Architecture and Development:

- Understanding of generative AI, large language models and other foundation models from the perspective of how these technologies may be used in a range of use cases in business applications.
- Demonstrable knowledge and practical experience of how to use models programmatically via APIs for a variety of use cases.
- Understanding of AI engineering solutions architectures, the essential components of them, for example RAG, and how these work together as a whole.

Practical AI Skills:

- Practical knowledge of how to evaluate models for a given use case.
- Knowledge of databases (SQL, Postgres) and vector databases (pgvector, ChromaDB).
- Explore, analyse and visualise data at scale, to gain an understanding of it, and identify differences in data distribution that could affect overall performance when deploying a model in the real world.
- Verify data quality, ensure data cleaning, establish ground truth, synthesize data, organise data for fine tuning.
- Analyse errors in LLM responses and designing strategies to overcome them.
- Ability to select hardware to run an ML model with the required latency.
- Deploy LLMs to production.
- Train models and tune their hyperparameters.
- Analyze the machine learning algorithm that could be used to solve a given problem and rank them by their success probability.
- Knowledge of OpenCV is an added advantage.
- Proficiency with deep learning framework such as TensorFlow, PyTorch or similar.
- Familiarity with AWS Cloud, AWS Sagemaker.

General Skills, Experience and Knowledge (Must have):

- Should be comfortable with rapid prototyping practices.
- Strong problem-solving, analytical and debugging skills.
- Familiarity with version control systems (Git, GitHub, GitLab).

- Proficiency with Python and basic libraries for ML such as scikit-learn and pandas.
- Ability to understand the NLP framework such as Spacy.
- Understanding of crawling framework like Scrapy would be an added advantage.
- Familiarity with Linux OS.
- Familiarity with REST API.
- Excellent communication skill.
- Ability to work in team and as an individual.

Contacts

Share your resume with kajal.uklekar@arrkgroup.com.