JOB DESCRIPTION – AI/ML Engineer

About Homeville Consulting Private Limited

Homeville Group is a financial technology, infrastructure and lending company building credit networks and platforms for housing finance ecosystem. The Company has built critical infrastructure layers for building housing focused credit platforms enabling retail credit in the housing sector. Homeville has adopted a multi-platform strategy to cater to various customer segments in the housing ecosystem. The company is creating large operating leverage with a common technology stack and team.

Bharat Housing Network is India's largest affordable housing co-lending platform. It provides capital, technology and infrastructure to affordable housing finance companies and non-banking finance companies. The platform is pioneering affordable mortgages with technology and a network approach for last-mile credit delivery. Bharat Housing Network is focused at empowering regional housing finance ecosystem and enabling financial inclusion.

Company Website:

Homeville Group

Recent press releases:

https://www.businessworld.in/article/Bharat-Housing-Network-Raises-Rs-125-Cr-In-Series-A-Led-By-Nabventures-Fund/09-11-2023-498245
https://entrackr.com/2023/11/bharat-housing-network-raises-14-5-mn-series-a-led-by-nabventures/

The Position

We are looking for a highly qualified and experienced incumbent to join our team. The ideal candidate will possess adequate knowledge of the product and market, keen sales drive to meet the stringent sales goals, motivate the sales team and have the ability to build strong relationships.

Department: Technology
Location: Mumbai
Employment Type: Full time

Roles & Responsibilities

- Design, develop, and deploy machine learning models, particularly in the domain of LLMs and OCR-based systems.
- Fine-tune and optimize pre-trained LLMs for custom applications.
- Conduct research to enhance the performance of OCR algorithms for accuracy and efficiency.
- Work with structured and unstructured datasets to build and improve machine learning pipelines.
- Utilize SQL and NoSQL databases for data preprocessing, storage, and retrieval.
- Implement scalable data workflows and pipelines for training and inference.
- Collaborate with cross-functional teams, including software developers and product managers, to integrate AI/ML solutions into products.
- Deploy models into production and monitor their performance over time.

Key Skills / Requirements

- Bachelor's or Master's degree in Computer Science, Data Science, Machine Learning, or a related field.
- Minimum of 2 years of professional experience in AI/ML Engineering.
- Good knowledge of Large Language Models (LLMs) and their applications.
- Hands-on experience with OCR-based algorithms and tools.
- Proficiency in Python, with experience in libraries such as TensorFlow, PyTorch, and OpenCV.
- Experience working with SQL and NoSQL databases (e.g., MySQL, PostgreSQL, MongoDB, Cassandra).
- Familiarity with cloud platforms (AWS, Azure, GCP) and containerization tools (Docker, Kubernetes).
- Strong problem-solving skills and ability to work in a collaborative environment.

Benefits

- Competitive salary packages and bonuses.
- Mediclaim plans for you and your dependents
- Access to educational resources for self-improvement – technical and non-technical