



Job Description & Job Specification

Job Title: AI Expert / Machine Learning Engineer	Location: Head Office, Rawalpindi
Department: IT	Nature of Job: Desk Job
Job Level: Mid-Level	Gender Preference: No Preference
Category: Full Time Employment	Remuneration: Market Competitive

Last Date to Apply: June 06, 2025

Job Summary:

We are looking for a passionate and technically sound AI Expert / Machine Learning Engineer to join our innovative development team. This role focuses on NLP-driven AI modules using cutting-edge tools like HuggingFace Transformers, BioBERT/ClinicalBERT, and spaCy. The candidate should have experience in machine learning pipelines, model deployment, and real-world data handling.

Job Responsibilities:

- Build, fine-tune, and deploy machine learning models with a focus on NLP.
- Work with pre-trained models such as BioBERT, ClinicalBERT, and Transformers from HuggingFace.
- Handle data preprocessing, text annotation, and data labeling using tools like Label Studio.
- Support full-cycle AI development including training, validation, deployment, and monitoring.
- Collaborate with cross-functional teams including developers, analysts, and QA engineers to ensure proper AI integration into production systems.
- Research and implement state-of-the-art AI/ML techniques where applicable.

Qualifications:

- Bachelor's or master's degree in computer science, Artificial Intelligence, Data Science, or related field.
- At least 02 years of experience in machine learning / AI development.
- Solid foundation in Python, with experience using PyTorch, TensorFlow, or Scikit-learn.
- Familiarity with NLP libraries such as spaCy and Transformers.
- Experience with Label Studio or other annotation platforms.
- Exposure to healthcare, clinical, or biomedical datasets is a plus.

Key Skills:

- Python programming for AI/ML
- Natural Language Processing (NLP)
- HuggingFace Transformers
- BioBERT / ClinicalBERT
- Label Studio
- spaCy, Scikit-learn, PyTorch or TensorFlow
- REST API integration (nice to have)
- Strong analytical and debugging skills

Interested candidates please drop your CVs at teamhr@agico.com.pk latest by June 06, 2025. Please mention position title in email subject.

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