

AI/ML Engineer

Reports to: Team Lead, Software Development

Duration: 1 year (extendable)

Vacancy: 3 - 4

Pay: Rs. 1 Lakh to 1.5 Lakhs per month

Role Summary:

AI/ML Engineers on the software team will build production-grade components that operationalize the evaluation framework — including scoring pipelines, data ingestion services, recommendation engines, and the simulation engine's deployment layer. They work at the intersection of research and engineering, turning prototypes from the AI/ML research track into scalable, reliable services.

Key Responsibilities:

- Develop and deploy ML pipelines for automated scoring, evidence aggregation, and anomaly detection in platform data.
- Build APIs and microservices for the evaluation engine, enabling real-time and batch scoring of EdTech platforms.
- Implement NLP components for processing qualitative data (survey responses, teacher feedback) and extracting structured insights.
- Integrate the agent-based simulation engine into the platform backend with appropriate compute management.
- Optimize model performance, latency, and resource utilization for deployment on project infrastructure (GPU servers).
- Write unit tests, integration tests, and documentation for all ML components.
- Collaborate with the research team to translate algorithmic prototypes into production code.

Qualifications:

- B.Tech/M.Tech in Computer Science, AI/ML, or a related field.
- 2+ years of experience in ML engineering or applied AI development.
- Strong proficiency in Python, with experience in ML frameworks (PyTorch or TensorFlow), data processing libraries, and API development (FastAPI, Flask).
- Experience with model deployment, containerization (Docker), and basic DevOps practices.
- Familiarity with NLP techniques, recommendation systems, or simulation frameworks is a plus.
- Ability to work in an agile team and iterate quickly on requirements from research collaborators.