

PR/097756 | Machine Learning Engineer (Senior / Staff / Principal)

Job Information

Recruiter
JAC Recruitment Singapore

Job ID
1616751

Industry
IT Consulting

Job Type
Permanent Full-time

Location
Malaysia

Salary
Negotiable, based on experience

Refreshed
November 10th, 2026 08:00

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Native Level

Minimum Japanese Level
None

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

Machine Learning Engineer (Senior / Staff / Principal)
Location: Remote (Singapore)

About the Company
My client is a well-established technology company that is investing heavily in Artificial Intelligence and next-generation intelligent systems. They are building AI-powered products used at scale and are looking to grow their Machine Learning Engineering team with exceptional talent across multiple seniority levels.

Whether you are an experienced Senior Engineer, a Staff-level technical leader, or a Principal Engineer who drives technical strategy, we would be keen to speak with you.

The Opportunity
You will work across the entire machine learning lifecycle, transforming advanced AI capabilities into reliable and scalable production systems.

The team is focused on building and operating modern AI systems, including large language models, training and inference platforms, evaluation frameworks, and production-grade ML infrastructure.

Depending on your experience and level, you may:

- Build and deploy machine learning models and AI applications.
- Design and scale training, evaluation, and inference systems.
- Lead architecture decisions across multiple AI initiatives.
- Define technical roadmaps and best practices for machine learning engineering.
- Influence the long-term AI strategy of the organisation.

Key Responsibilities

- Design, develop, deploy, and optimize production machine learning systems.
- Build training, fine-tuning, evaluation, and inference pipelines.
- Develop reliable infrastructure supporting AI workloads at scale.
- Improve model quality, latency, reliability, cost efficiency, and scalability.
- Analyse and resolve production issues impacting AI systems.
- Partner closely with product, engineering, research, and platform teams.
- Establish engineering best practices around AI systems development and operations.
- Contribute to architecture and technical decision-making appropriate to your level.

Technical Environment

- Python
- PyTorch / JAX
- Large Language Models (LLMs)
- Model Training & Fine-Tuning
- Retrieval-Augmented Generation (RAG)
- GPU-Based Training & Inference
- Distributed Systems
- Model Serving Infrastructure
- ML Platforms & Pipelines
- Cloud Infrastructure
- Vector Databases
- Monitoring & Observability

What We're Looking For
We're interested in candidates who have experience building and shipping machine learning systems into production.

For Senior Engineers

- Strong hands-on machine learning engineering experience.
- Experience deploying and supporting production AI systems.
- Practical knowledge of LLMs, training, evaluation, and inference.

For Staff Engineers

- Experience leading large-scale ML initiatives.
- Strong architecture and system design capabilities.
- Ability to mentor engineers and drive technical decisions.

For Principal Engineers

- Experience defining technical direction for AI and machine learning platforms.

- Proven track record influencing engineering strategy at scale.
- Deep expertise across ML systems, infrastructure, and production AI.

Suitable Backgrounds
We welcome candidates currently working as:

- Machine Learning Engineer
- Senior Machine Learning Engineer
- Staff Machine Learning Engineer
- Principal Machine Learning Engineer
- AI Engineer
- Applied AI Engineer
- LLM Engineer
- Research Engineer
- Lead AI Engineer
- AI Architect
- Machine Learning Architect
- Principal AI Engineer

Why Apply?
This is an opportunity to join a high-calibre engineering organisation where you'll work on large-scale AI initiatives and complex technical challenges.

Multiple openings are available across Senior, Staff, and Principal levels. Candidates will be assessed and aligned to the most appropriate level based on experience, technical expertise, and scope of leadership.

Jaspreet Kaur Sran (R22109724)

JAC Recruitment Pte. Ltd. (90C3026)

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Company Description