



PR/097416 | Machine Learning (Engineer | Lead)

募集職種

人材紹介会社

ジェイ エイ シー リクルートメント シンガポール

求人ID

1604812

業種

ITコンサルティング

雇用形態

正社員

勤務地

シンガポール

給与

経験考慮の上、応相談

更新日

2026年07月28日 10:26

応募必要条件

職務経験

3年以上

キャリアレベル

中途経験者レベル

英語レベル

流暢

日本語レベル

無し

最終学歴

短大卒：準学士号

現在のビザ

日本での就労許可は必要ありません

募集要項

What You'll Be Responsible For

End-to-End ML Systems Ownership
Lead the design, implementation, and operation of the complete machine learning lifecycle, including data pipelines, training workflows, evaluation frameworks, inference infrastructure, deployment processes, and production monitoring.

Model Adaptation & Optimization

Fine-tune and optimize large language models and foundation models using modern techniques such as LoRA, QLoRA, Supervised Fine-Tuning (SFT), Direct Preference Optimization (DPO), distillation, and other emerging approaches to improve quality, efficiency, and task performance.

Scalable Inference Architecture

Design and maintain robust inference systems capable of serving production workloads while balancing latency, throughput, reliability, and infrastructure cost.

Data Systems & Training Infrastructure

Develop and manage data pipelines that support the collection, generation, validation, and maintenance of high-quality datasets, leveraging both synthetic and real-world data sources to continuously improve model performance.

Evaluation & Quality Assurance

Establish comprehensive evaluation methodologies to measure model accuracy, robustness, safety, bias, reliability, and user-impact metrics. Work closely with stakeholders to ensure quality standards are clearly defined and consistently met.

Production Readiness & Performance Engineering

Own production deployment and operational excellence, including GPU utilization, memory optimization, model serving efficiency, performance tuning, observability, reliability engineering, and scaling strategies.

Cross-Functional Collaboration

Partner closely with product engineers, backend teams, platform engineers, and other stakeholders to integrate machine learning capabilities seamlessly into user-facing products and workflows.

Technical Leadership

Provide technical direction, make sound engineering decisions, and help establish best practices that enable the team to move quickly while maintaining high standards of quality and reliability.

Continuous Improvement

Drive iterative improvements by leveraging production feedback, operational metrics, user insights, and experimentation to enhance system performance and overall user experience.

What Success Looks Like

In this role, you will:

- Consistently transform machine learning research, prototypes, and experimentation into reliable production solutions.
- Build ML infrastructure that is scalable, maintainable, and easy to operate.
- Establish efficient training, evaluation, and deployment workflows that accelerate iteration without compromising quality.
- Proactively identify and resolve production issues before they impact users.
- Enable the broader team to work effectively through strong technical leadership, clear communication, and collaborative problem-solving.
- Deliver measurable improvements in model quality, system reliability, operational efficiency, and user outcomes.

Technology Environment

You will work extensively with:

- Python
- PyTorch and/or JAX
- GPU-accelerated training and inference platforms
- Distributed machine learning systems
- Model serving and deployment infrastructure
- Modern data processing and orchestration frameworks

What We're Looking For

- Proven track record of building, deploying, and maintaining machine learning systems in production environments.
- Strong understanding of large language models, foundation models, and their practical limitations, trade-offs, and failure modes.
- Experience developing scalable ML infrastructure, training pipelines, and inference systems.
- Strong software engineering fundamentals with a focus on reliability, maintainability, and performance.
- Demonstrated ability to take ownership of complex technical initiatives from concept through production deployment.

Preferred Attributes

- Comfortable operating in fast-moving environments where priorities evolve quickly and execution matters.
- Pragmatic problem solver who balances technical excellence with business impact.
- Strong communicator capable of collaborating across technical and non-technical teams.
- Passion for building products that deliver meaningful value to users at scale.
- Natural leadership qualities with the ability to align teams around technical goals and outcomes.

Our Working Style

We believe exceptional products are built by small, highly capable teams with a strong sense of ownership and accountability. We value thoughtful decision-making, rapid learning, and a bias toward execution.

Team members are encouraged to contribute ideas, challenge assumptions, and independently drive initiatives forward. We strive for a culture where technical excellence, collaboration, and product impact are equally important.

Jaspreet Kaur Sran (R22109724)

JAC Recruitment Pte. Ltd. (90C3026)

#LI-JACSG

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会社説明