【外資系大手テック企業】データセンターエンジニア｜大阪勤務

英語を活かして海外エンジニアと協業｜ 最先端GPU・AIインフラを支える

Job Information

Recruiter
Morgan McKinley

Job ID
1623671

Industry
Bank, Trust Bank

Job Type
Contract

Location
Osaka Prefecture

Salary
Negotiable, based on experience

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General Requirements

Minimum Experience Level
Over 1 year

Career Level
Mid Career

Minimum English Level
Daily Conversation Level

Minimum Japanese Level
Basic Level

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

世界有数のグローバルテクノロジー企業が運営する大阪のデータセンターにて、サーバー・GPUインフラの設置、保守、障害対応を担当するデータセンターエンジニアの募集です。

最新のマルチGPUサーバーやAI / ML向け高性能コンピューティング基盤など、最先端のハードウェアを直接扱い、世界規模のクラウド・AIサービスを支える重要な役割を担います。

海外のエンジニアやグローバル技術チームとの連携も多く、**英語でのコミュニケーション力を生かせる国際的な業務環境**です。

データセンターでの実務経験を生かし、最先端のAIインフラ技術とグローバル水準の運用ノウハウを習得できます。

大阪勤務。

主な職務内容

- **サーバー・GPU機器の設置・保守：** ラックマウント型サーバー、マルチGPUシステム、高密度コンピューティングノードの設置、設定、動作確認、修理
- **冷却・電源設備の管理：** 液冷システムや冷却部品、高密度電源供給設備の設置・保守
- **ラック・配線作業：** データセンター内のラックへの機器搭載、固定、ネットワークケーブルの配線・ラベリング・接続テスト
- **ネットワーク機器の接続：** 光ファイバーや高速光トランシーバー、銅線ケーブルなどの設置・検査
- **障害対応・トラブルシューティング：** GPUやPCIe接続の異常、過熱、起動障害などの原因調査・修復
- **グローバル技術チームとの連携：** 海外のシステム・ネットワーク・インフラエンジニアと連携し、機器の修理や障害対応を実施
- **資産管理・撤去作業：** 現場監査、機器・資産管理、サーバー撤去、データ消去やストレージの安全な破棄作業

Join a leading global **hyperscale cloud and technology organisation** as a **Data Center Technician** in Osaka, supporting the installation, maintenance, troubleshooting and decommissioning of enterprise computing infrastructure.

This contract opportunity offers hands-on exposure to **GPU servers, high-performance computing (HPC), AI infrastructure, enterprise storage, networking hardware and hyperscale data centre operations**.

You will be responsible for the day-to-day physical operation of critical data centre equipment, ensuring that server, storage and networking systems are installed, maintained and supported according to technical and operational requirements.

A particular focus of the position is working with **high-density computing infrastructure**, including **multi-GPU server platforms, HPC nodes and AI/machine learning accelerator clusters**.

You will install, configure, test, repair and replace enterprise hardware, applying structured technical procedures to maintain reliable and efficient infrastructure operations.

The role involves working with **rack-mounted servers, CPUs, GPUs, PCIe components, enterprise chassis and high-density compute nodes**, requiring a practical understanding of computer hardware architecture.

You will also support the physical infrastructure needed for high-performance computing, including **high-density power distribution and advanced cooling components**.

This includes exposure to **liquid-cooling manifolds, quick-disconnect fittings, heat pipes and chassis cooling loops** , alongside standard data centre power and cooling practices.

Networking infrastructure is another important part of the role. You will route, label, organise and test **fibre-optic and copper cabling**, including high-speed optical connections and enterprise network interfaces.

When technical incidents occur, you will investigate **hardware failures, GPU bus errors, PCIe link issues, thermal throttling and system boot problems** using onboard diagnostics and command-line tools.

You will work closely with **remote systems, network and infrastructure engineering teams** , acting as their on-site technical representative to perform hardware troubleshooting, component replacement and escalations.

In addition to maintenance and troubleshooting, you will support **physical site audits, asset tracking, equipment de-installation and secure data sanitisation or drive destruction procedures**.

The role requires a disciplined approach to **operational safety, equipment handling, documentation, technical accuracy and compliance** within a high-density data centre environment.

This is an excellent opportunity for a **Data Center Technician, Data Centre Engineer, Server Hardware Technician or Infrastructure Support Technician** seeking practical experience with advanced GPU computing and AI infrastructure at a globally recognised technology company.

Key Responsibilities

- Install, configure, test, maintain and repair **rack-mounted enterprise servers, multi-GPU systems and high-density compute nodes**.
- Support the deployment and maintenance of **high-performance computing (HPC) nodes and AI/ML accelerator clusters**.
- Perform hardware troubleshooting and component replacement across **server, storage and networking infrastructure**.
- Manage and maintain **high-density power and cooling components**, including liquid-cooling manifolds, quick-disconnect fittings, heat pipes and chassis cooling loops.
- Mount, secure and cable enterprise server chassis within **high-density data centre racks**, following structured technical specifications.
- Route, label, organise and test **network cabling**, maintaining accurate and consistent cabling standards.
- Work with high-speed optical connections and transceivers, including **MPO/MTP, QSFP-DD and OSFP** technologies.
- Install and test copper network connections, including **Cat6A and Direct Attach Copper (DAC)** cabling.
- Investigate **hardware faults, PCIe link degradation, GPU bus errors, thermal throttling and boot failures** using diagnostic tools.
- Use **Linux/Unix command-line environments and onboard hardware diagnostics** to support troubleshooting and fault isolation.

- Collaborate with **remote systems, network and infrastructure engineers** on break/fix activities, hardware investigations and technical escalations.
- Support **physical data centre audits, equipment inventories and IT asset tracking** .
- Perform **server de-installations, equipment decommissioning and secure data sanitisation or drive destruction workflows**.
- Follow established **data centre safety procedures, operational standards and compliance requirements** .
- Maintain accurate communication and technical documentation to support effective collaboration with **local and remote engineering teams**.

Required Skills

必須条件 経験・資格：

- **実務経験：** データセンター、コロケーション施設、または企業のITラボなどでの実務経験1〜3年以上
- **コンピュータアーキテクチャの知識：** CPU、GPU、PCIeレーン・スイッチなど、コンピュータのハードウェア構成に関する理解
- **コマンドライン操作：** Linux / Unixの基本操作およびコマンドラインを用いた診断ツールの使用経験
- **光ファイバー関連の知識：** 光ファイバー、トランシーバー、光通信の測定・検査ツールに関する実務知識
- **データセンター設備の知識：** ホット / コールドアイル、単相・三相電源、UPS、ラックPDUなど、データセンター設備の基本知識

ソフトスキル：

- **分析力・問題解決力：** ハードウェアの不具合を論理的に分析し、根本原因を特定できる方
- **正確性・注意力：** 機器の設置、配線、検査などの作業を細部まで正確に遂行できる方
- **コミュニケーション能力：** 海外のエンジニアや遠隔地の技術チームに対し、状況や障害内容を正確に報告・共有できる方
- **安全・コンプライアンス意識：** 作業手順や安全基準、セキュリティルールを遵守できる方
- **適応力・学習意欲：** 新しいハードウェアや技術に積極的に対応し、継続的に知識を習得できる方

語学力：

- **日本語：**初級
- **英語：**ビジネスレベル

歓迎条件

- **GPU・高性能コンピューティング関連の経験：** マルチGPUサーバー、HPC、AI / ML向けインフラの設置・保守経験
- **高度なハードウェア・インフラの知識：** 液冷システム、高速光通信、ネットワーク機器などの取り扱い経験や、サーバー・GPU関連の高度なトラブルシューティング経験

採用企業について
外資系テクノロジー企業。

世界有数の規模を誇る大手です。世界100カ国以上で事業を展開し、クラウドコンピューティング、エンタープライズソフトウェア、コンシューマー向けインターネットサービス、AIなど幅広い領域で革新的なテクノロジーを提供しています。

世界各地に大規模なデータセンターやネットワークインフラを保有し、膨大なコンピューティング・ストレージ基盤を運用。数億人規模のユーザーや世界中の大手企業が利用するデジタルサービスを支えています。

この求人がおすすめの理由

- **最先端のAI・GPU技術に携われる：** 最新世代のGPUサーバーやAI / ML向け高性能コンピューティング基盤を直接扱えます。
- **世界規模のインフラを支える：** 世界中のユーザーや大手企業が利用するミッションクリティカルなITインフラの運用に携われます。
- **高度な技術・運用スキルを習得：** 大規模データセンターならではの高度なハードウェア管理、障害対応、運用標準を実践的に学べます。
- **グローバルな協業環境：** 多国籍のエンジニアや海外の技術チームと連携しながら業務を進められます。

Required Skills and Qualifications**Experience:**

- **1-3+ years of hands-on experience** as a data centre technician, colocation technician, enterprise laboratory technician or in a comparable infrastructure hardware role.
- Solid understanding of **computer architecture**, including **CPUs, GPUs, PCIe lanes, PCIe switches and related hardware components**.
- Practical experience with **server hardware installation, maintenance, troubleshooting or component replacement**.
- Proficiency with **command-line diagnostic tools** and basic **Linux/Unix CLI environments**.
- Hands-on familiarity with **fibre-optic cabling, optical transceivers and optical testing tools** .
- Understanding of **data centre power and cooling fundamentals**, including hot-aisle and cold-aisle containment.
- Knowledge of **single-phase and three-phase power, Uninterruptible Power Supply (UPS) systems and rack Power Distribution Units (PDUs)**.
- Ability to follow **structured hardware installation, cabling and technical maintenance procedures**.
- Understanding of safe equipment handling and technical operations within a **data centre or enterprise infrastructure environment**.

Soft Skills:

- Strong **analytical troubleshooting skills** and a root-cause-oriented approach to technical problem-solving.
- **Meticulous attention to detail** when handling hardware, cabling, asset records and maintenance procedures.
- Clear **written and verbal communication skills** to act as on-site "smart hands" for remote engineering teams.
- Strong commitment to **workplace safety, operational compliance and established technical procedures** .
- **Adaptability and willingness to learn** new infrastructure technologies and engineering practices.
- Ability to collaborate effectively with **local colleagues and remote international technical teams** .
- Dependable, practical working style with a strong sense of responsibility for **technical accuracy and infrastructure reliability**.

Language Requirements:
- **Japanese:** Basic-level proficiency required.
- **English:** Conversational proficiency required for communication and collaboration with engineering teams.

Preferred Skills & Qualifications
- Exposure to **multi-GPU servers, GPU accelerator hardware or high-density computing platforms**.
- Familiarity with **high-performance computing (HPC) infrastructure and AI/ML accelerator clusters**.
- Experience working with **liquid-cooling components or advanced server cooling technologies**.
- Knowledge of **high-speed optical networking technologies**, including **MPO/MTP, QSFP-DD and OSFP**.
- Familiarity with **Cat6A, DAC cabling and structured data centre cabling practices**.
- Experience troubleshooting **PCIe connectivity issues, GPU hardware errors, thermal performance problems or server boot failures**.
- Exposure to **hyperscale data centres, colocation facilities or large enterprise infrastructure environments**.
- Experience supporting **remote engineering teams through on-site smart-hands activities**.
- Familiarity with **hardware asset tracking, equipment decommissioning and secure data destruction procedures**.
- A **bachelor's degree** in a relevant field, consistent with the position's stated education profile.

About the Company
Our client is a **premier global multinational hyperscale cloud and technology organisation**, recognised as one of the world's leading technology enterprises.

Operating at the forefront of **distributed computing, cloud infrastructure and artificial intelligence**, the organisation designs, builds and manages an extensive private digital infrastructure network.

Its global infrastructure includes **hundreds of hyperscale data centres, extensive terrestrial and subsea fibre networks, and millions of connected computing and storage nodes**.

The organisation delivers large-scale **cloud infrastructure services, including Infrastructure as a Service (IaaS) and Platform as a Service (PaaS)**, alongside enterprise software platforms and consumer internet services.

It also develops and operates **foundational artificial intelligence services**, supporting large-scale computing requirements and increasingly demanding technology workloads.

The company's services support **hundreds of millions of daily active users and Fortune 500 enterprises** across more than 100 countries.

Within this environment, reliable data centre operations are essential to maintaining the performance and availability of **mission-critical digital services, enterprise applications and AI computing platforms**.

The Osaka-based **Data Center Technician** will contribute directly to the physical infrastructure that supports these global services, working with advanced hardware and established operational procedures.

Joining this organisation offers the opportunity to develop practical expertise in **hyperscale infrastructure, GPU computing, enterprise hardware maintenance and international data centre engineering operations**.

Why You'll Love Working Here
- Work directly with **next-generation GPU servers, AI infrastructure and high-performance computing hardware**.
- Gain practical experience maintaining **multi-GPU platforms and high-density compute nodes**.
- Support infrastructure used to deliver **mission-critical digital services** to customers worldwide.
- Develop hands-on expertise in **enterprise server installation, hardware maintenance and troubleshooting**.
- Work with advanced **power distribution and liquid-cooling technologies**.
- Build knowledge of **high-speed fibre-optic networking and enterprise cabling systems**.
- Apply **Linux/Unix command-line diagnostics** to real-world infrastructure issues.
- Collaborate with **remote systems, networking and infrastructure engineering specialists**.
- Gain exposure to **industry-leading hyperscale data centre operating procedures and technical standards**.
- Strengthen your skills in **hardware fault isolation, component replacement and root-cause troubleshooting**.
- Support **equipment lifecycle management, asset tracking and secure decommissioning procedures**.
- Work in a **diverse, multinational technical environment** with international collaboration.
- Develop valuable experience in **AI/ML accelerator clusters and modern data centre infrastructure**.
- Benefit from a **casual clothing workplace policy**.
- Build your technical career in **data centre operations, infrastructure support and advanced computing hardware** through a contract opportunity in Osaka.

Company Description

Morgan McKinleyは国際的な人材コンサルティング会社として、さまざまな業界・分野をリードする採用企業様と、スペシャリストとしてのスキルを有する人材とを結びつけるお手伝いをしています。1988年の創立以来、Morgan McKinleyの名は、「卓越した質のサービス」「市場知識の豊富さ」「No.1企業であり続けようとする強い意志」、そして何よりも「実績」を体現する会社として知られています。

リクルーティング スペシャリストである弊社コンサルタントまでお気軽にお問い合わせください。