



## AI Solutions Architect

international company, flexible

### Job Information

**Hiring Company**

NVIDIA GK

**Subsidiary**

Nvidia

**Job ID**

1441118

**Division**

Sales

**Industry**

Other (IT, Internet, Gaming)

**Company Type**

Large Company (more than 300 employees) - International Company

**Job Type**

Permanent Full-time

**Location**

Tokyo - 23 Wards

**Salary**

7.5 million yen ~ 20 million yen

**Salary Bonuses**

Bonuses paid on top of indicated salary.

**Refreshed**

May 16th, 2024 09:00

### General Requirements

**Minimum Experience Level**

Over 3 years

**Career Level**

Mid Career

**Minimum English Level**

Business Level (Amount Used: English usage about 50%)

**Minimum Japanese Level**

Fluent

**Minimum Education Level**

Bachelor's Degree

**Visa Status**

Permission to work in Japan required

### Job Description

NVIDIA's Worldwide Field Operations (WWFO) team is looking for a Data Science focused Solution Architect with expertise in Machine Learning (ML), Deep Learning (DL) and Data Science platforms. Exposure to inferencing technology (e.g., understanding of model compression techniques, model compilation or model serving) would be an added value. In our

Solutions Architecture team, we work with the most exciting computing hardware and software, driving the latest breakthroughs in artificial intelligence. We need individuals who can enable customer productivity and develop lasting relationships with our technology partners, making NVIDIA an integral part of end-user solutions. We are looking for someone always thinking about artificial intelligence, someone who can maintain synergy in a fast paced, rapidly evolving field, someone able to coordinate efforts between corporate marketing, industry business development and engineering.

You will be working with the latest HPC architectures coupled with the most advanced neural network models, changing the way people interact with technology. As a Solutions Architect, you will be the first line of technical expertise between NVIDIA and our customers. Your duties will vary from working on proof-of-concept demonstrations, to driving relationships with key executives and managers to evangelize accelerated computing. Dynamically engaging with developers, scientific researchers, data scientists, IT managers and senior leaders is a meaningful part of the Solutions Architect role and will give you experience with a range of partners and concerns.

#### **What You'll Be Doing:**

- Develop and demonstrate solutions based on NVIDIA's state-of-the-art AI and ML software and hardware technologies to customers.
- Work directly with key customers to understand their technology and provide the best solutions.
- Perform in-depth analysis and optimization to ensure the best performance on GPU architecture systems. This includes support in optimization of both training and inference pipelines.
- Partner with Engineering, Product and Sales teams to develop, plan best suitable solutions for customers. Enable development and growth of product features through customer feedback and proof-of-concept evaluations.
- Build industry expertise and become a contributor in integrating NVIDIA technology into Enterprise Computing architectures.

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#### **Required Skills**

##### **What We Need to See:**

- Excellent verbal, written communication, and technical presentation skills in Japanese. Business level English communication is also a requirement.
- MS/PhD in Computer Science, Data Science, Electrical/Computer, or equivalent experience Engineering, Physics, Mathematics, other Engineering fields
- 3+ years of academic and/or industry experience in fields related to machine learning, deep learning and/or data science.
- You are excited to work with multiple levels and teams across organizations (Engineering, Product, Sales and Marketing team)
- You are a self-starter with attitude for growth, passion for continuous learning and sharing findings across the team.

##### **Ways to Stand Out from The Crowd:**

- Experience running large scale distributed DL training.
- Background with working with larger transformer-based architectures.
- Experience using DevOps technologies such as Docker, Kubernetes, Singularity, etc.
- Understanding of HPC systems: data center design, high speed interconnect InfiniBand, cluster storage and scheduling related design and/or management experience.

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#### **Company Description**

**NVIDIA's culture motivates and inspires its teams of world-class engineers and developers to be the best in the industry.**

We are creative, passionate, and driven to shape the world of tomorrow...today.

We believe that a diverse employee base is essential to our success.  
NVIDIA products are shaping and transforming visually-rich applications such as :

- video games
- film production broadcasting
- industrial design
- space exploration
- medical imaging
- handheld devices and much more...

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  - 携帯端末技術
- など

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#### **NVIDIAによるGPUの発明**

1999 年、PC ゲーミング市場が爆発的に成長し、近代コンピューター グラフィックの定義を一新し、並列コンピューティングに革新をもたらしました。

最近では、GPU ディープラーニングはコンピューティングの新時代を開く近代 AI の起爆剤となり、世界を認知および理解できるコンピューター、ロボット、自動運転車の中核に GPU が利用されています。