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AI Engineer (CV)

H2 Corporation

ID: SRN2025-10453

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H2 Corporation • Full Time •
 Japan • Remote • \$180k -
 \$200k + 0.01%-0.05% equity

About the Company:

H2 Corporation is a rapidly growing Tokyo-based SaaS company that leverages AI-driven solutions to revolutionize the \$13 trillion construction industry. Recently out of stealth mode and backed by leading VC firms in Japan and the US, H2 is rapidly accelerating its product development and go-to-market strategy.

Roles and Responsibilities:

- Design, develop, and optimize computer vision (CV) algorithms and ML models for batch and real-time use cases.
- Develop and maintain synthetic data pipelines for model training and evaluation.
- Optimize ML models for GPU/CPU performance, ensuring efficiency in production environments.
- Work with LLMs and Diffusion models (Stable Diffusion, Llama, Mistral, LoRAs, fine-tuning).
- Deploy deep learning models into production using AWS, Kubernetes, and Terraform.
- Work in a cross-functional AI team to implement state-of-the-art vision models.

Job Requirements:

- 3+ years of experience in software development in a fast-paced tech environment.
- Strong Python skills and expertise in deep learning frameworks (PyTorch, Keras, TensorFlow).
- 3+ years of hands-on experience deploying ML models in production settings.
- Deep understanding of computer vision techniques, GANs, and neural networks.
- Strong familiarity with LLMs and Diffusion models.
- Experience optimizing ML models for hardware (GPU/CPU).
- Ability to work independently and contribute to strategic AI development.
- Working-level English proficiency (Japanese is a plus but not required).

NICE TO HAVES:

- Experience with Terraform, OpenTofu, and cloud orchestration tools.
- Prior experience in synthetic data generation and augmentation.
- Contributions to open-source AI projects or published research in CV/ML.

✗ Do NOT Apply If You:

- Require visa sponsorship (H1B, TN, etc.).
- Have a history of frequent short tenures (job hopping).

- Have only worked in large corporations (e.g., Uber, Google) without startup experience.
- Come from IT consulting firms (Infosys, Wipro, Cognizant, Capgemini, etc.).
- Graduated from coding bootcamps (Hack Reactor, Full Stack Academy, etc.).
- Have fake or misrepresented profiles.

Interview Process

1. Submit Candidate – Initial review by the hiring manager
2. Technical Zoom Screen (45 minutes) – AI/ML expertise evaluation
3. Team Zoom Interview (45 minutes) – Collaboration and problem-solving skills assessment
4. Final Interview (45 minutes) – Leadership and vision alignment
5. Offer Extended