

# Chief Technology Officer

**Company:** MinD in a Device

**Working Location:** Japan, Remote

**Salary:** Negotiable

**Levels:** Manager, C-Suite

**Roles and Skills:** CTO AI/Artificial Intelligence Machine Learning DevOps Computer Vision

## Job Overview And Responsibility

- Identify and evaluate the latest ML/AI and computer vision technologies for strategic advantage and business impact.
- Collaborate with executive leadership, business units, and stakeholders to align technology initiatives with business needs.
- Drive technology-enabled business initiatives to enhance operational efficiency and innovation.
- Provide leadership and mentorship to engineering teams, fostering collaboration and continuous learning.
- Accelerate innovation to improve products, services, and processes for maximum efficiency.
- Oversee the development and deployment of scalable, secure technology systems, software solutions, and infrastructure.

## Required Skills and Experience

- Master's degree in computer science, information technology, or a related field.
- 5+ years of experience as a technology officer or in a similar senior technology leadership role (e.g., tech lead, engineering manager).
- Demonstrated success in ML/AI and/or computer vision domains.
- Deep understanding of machine learning, computer vision, and general software engineering.
- Extensive knowledge of deep learning and image processing.
- Ability to quickly prototype ML/AI applications using Python.
- Strong strategic thinking with the ability to align technology strategies with business objectives.
- Proven track record of leading ML/AI projects, delivering on time and within budget.
- Proven track record of academic research in computer vision.
- Knowledge of modern computer vision with machine learning (e.g., semantic segmentation, SfM/MVS, NeRF).
- Strong analytical and problem-solving skills, leveraging data for informed decision-making.

## Why Candidate should apply this position

- Base salary
- Share, stock option after successful fundraising.
- Further benefits can be discussed during the interview.

## Prefer if candidate have

- Familiarity with Agile and DevOps methodologies for software development/delivery.
- Strong communication and interpersonal skills.
- Ability to collaborate effectively with cross-functional teams and senior executives.
- Big plus: Experience with image processing for self-driving cars.

## Reporting to

CEO

## Interviewing Process

2 rounds: 1st round: Technical interview: Live coding on a shared document and some discussion (AI/ML/Computer vision). 2nd round: Interview with CEO.

## About Company

After the war, Japan gave rise to products and industries that astonished the world. Following a period of renewed prosperity, the country now faces the challenges of an aging population and a declining birthrate. As a result, much of the tacit knowledge built up over generations is quietly fading away.

We dream of seeing Japan once again inspire the world—this time by passing down its unique, often unspoken expertise to AI.

Our work in AI and robotics is grounded in understanding how the human senses and sensory organs perceive and process the world. In areas like inspection, we capture the unconscious habits and tacit knowledge of skilled professionals, embedding them into our AI and robotic systems.

Our proprietary AI not only inherits this know-how, but actively supports human work. Across all fields of automation and autonomy, we treat human tacit knowledge as a valuable asset—creating a future where humans and machines coexist and support one another in harmony.

## Company Address

Japan

## Company Website

<https://mindinadevice.com/>