

Location: India (Bangalore/Remote)

Vision AI Tech Lead

Responsibilities

- Apply Computer Vision AI models/ technologies to prove out and productionize new features
- Technically Manage a team of 3-4 AI engineers to deliver modular Deep Learning based visual recognition features and solutions.
- Interface with the Product managers, Architects and other stakeholders to analyse, estimate and productize new requirements.
- Deploy and maintain scalable AI pipelines and systems to process large-scale real-time video streams.
- Build and adopt robust development, documentation, and engineering processes.

Requirements

- 10-15 years of overall product development experience with 4+ years in developing/deploying scalable Computer Vision and deep learning products.
- Hands on expertise in scalable Vision AI pipeline, app development and deployment
- Experience with deploying CV + Deep Learning both on the cloud and on the edge (preferably with Nvidia Jetson platform)
- Experience with DL deployment optimization e.g. TensorRT, model pruning etc.
- High familiarity with GPU frameworks, pipeline optimization and logging tools
- Strong programming skills to write algorithms and logic in tools such as Python, OpenCV, DeepStream SDK.
- Experience with manageability, upgrade, and scalability in edge deployments.
- Proven ability to debug complex problems in computer-vision pipelines and resolve production issues.
- Experience in directly or indirectly managing people and coordinating the work across different product functions.
- Ability to build the modules and platform for scalability, security, extensibility.
- Familiarity with Media processing frameworks (such as gstreamer, ffmpeg) is a plus.
- Familiarity with MLOps in the AI for faster development and deployment is a plus.
- Deep understanding of Video encoding, decoding and streaming protocols is a plus.
- Entrepreneurial mindset and product experience with a startup is a plus