AKASH R M

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LinkedIn — GitHub — Portfolio

PROFESSIONAL SUMMARY

AI Developer specializing in Deep Learning, Computer Vision, and Full-Stack Web Development. Experienced in building real-time AI systems, scalable web applications, and end-to-end ML pipelines. Strong expertise in Python, React, and AI model deployment with a focus on performance optimization and research-driven solutions.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript

- **Frontend:** HTML, CSS, React

- **Backend:** FastAPI, Node.js

- **Databases:** PostgreSQL

- **AI/ML:** Machine Learning, Deep Learning, Computer Vision

- **Tools:** Git, API Integration, Cloud Deployment

PROFESSIONAL EXPERIENCE

AI Developer – GROW (iQue Ventures Pvt. Ltd.), Bengaluru   (2026 – Present)

- Developing AI-driven applications using ML and DL techniques.

- Building computer vision models for real-time analytics.

- Integrating AI models with web interfaces and backend APIs.

AI Developer – Owlytics (iQue Ventures Pvt. Ltd.), Bengaluru   (2025 – 2026)

- Designed deep learning models for detection and recognition.

- Worked on end-to-end AI pipelines.

- Integrated AI features into scalable web platforms.

Assistant Technical Writer – Rpinnacle Research Solutions (Resbee Info Technologies Pvt Ltd), Tamil Nadu   (2024 – 2025)

- Created AI and data science research documentation.

- Assisted in dataset analysis and model result interpretation.

PROJECTS

AI Cricket Batting Shot Classification   (January 2026)

- Developed a deep learning-based system to classify cricket batting shots from video input using computer vision techniques.

AI Recognition & Detection System   (December 2025)

- Built a real-time deep learning system integrated with IP cameras for object detection and recognition.

Vision Snap – Computer Vision Dataset Tool   (October 2025)

- Designed a web-based tool to generate machine learning-ready datasets from webcam and video inputs.

ALL IN ONE – OCR Web Application (September 2025)

- Developed a web-based OCR system to extract and convert documents into searchable text.

Hospital Management System with Brain Tumor Detection (March 2024)

- Engineered a hospital management platform integrated with deep learning-based medical image analysis for tumor detection.

Tech Media Community for Collaborative Learning (June 2023)

- Built a topic-based collaborative learning platform for structured knowledge sharing.

INTERNSHIPS & CERTIFICATES

In-Plant Training – iTrobes Technologies Pvt. Ltd., Tamil Nadu (July 2022)
Python Programming Intern – Srishti Innovations, Technopark, Kerala (July 2023)

EDUCATION

B.E. Computer Science and Engineering
Bethlahem Institute of Engineering, Tamil Nadu (2020 – 2024)