AKASH R M

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PROFESSIONAL SUMMARY

AI Developer with hands-on experience in Deep Learning, Computer Vision, and full-stack web development. Proven ability to design, build, and deploy intelligent systems and web-based AI applications. Strong foundation in data-driven research, and modern web technologies.

TECH STACKS

Web Development: HTML, CSS, React, FastAPI

Programming Languages: Python, JavaScript, Node.js

Databases & Data Handling: PostgreSQL, Data Analysis

Deployment & Tools: API Integration, Cloud Data Handling

Research & Analysis: Research Documentation, Model Evaluation

AI & Real-Time Vision Systems: Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Real-Time Processing

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 Recognition & Detection System *(December 2025)*

- Real-time deep learning system integrated with IP cameras.

Vision Snap – Computer Vision Dataset Tool *(October 2025)*

- Web-based tool for creating ML-ready datasets from webcam and videos.

ALL IN ONE – OCR Web Application *(September 2025)*

- OCR system for extracting searchable content from documents.

Hospital Management System with Brain Tumor Detection *(March 2024)*

- Hospital platform with DL-based medical image analysis.

Social Media Website for Collaborative Learning *(June 2023)*

- Topic-based platform for 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)*