

# 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), 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), 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), 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 – **iTrobos 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)*