

AKASH R M

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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 production-ready systems.

PROFESSIONAL EXPERIENCE

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

- Developing and deploying ML and DL applications for real-time analytics and intelligent automation.
- Building and optimizing computer vision models for high-performance inference.
- Integrating AI models with web interfaces and backend APIs to enable scalable production systems.

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

- Designed and implemented deep learning models for detection and recognition systems.
- Developed and maintained end-to-end AI pipelines, including data preprocessing, training, and deployment.
- Integrated AI features into scalable web platforms and backend architectures.

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

- Created deep learning and data science research documentation.
- Assisted in dataset analysis and deep learning model result interpretation.

TECHNICAL SKILLS

- **Programming Languages:** Python, JavaScript
- **Frontend Development:** HTML5, CSS3, React.js, Responsive Web Design
- **Backend Development:** Node.js, FastAPI, RESTful API Development
- **Databases:** PostgreSQL, SQL
- **AI/ML & Data Engineering:** Machine Learning, Deep Learning, Computer Vision, Custom Dataset Development, Dataset Engineering, Data Preprocessing
- **Version Control & Tools:** Git, GitHub, API Integration, Deployment, Debugging

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**
Bethlalhem Institute of Engineering, Tamil Nadu (2020 – 2024)