

Raam Prathap R V



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[LinkedIn](#)



[Portfolio](#)



[GitHub](#)

Education

Amrita Vishwa Vidyapeetham

Bachelor Of Technology, Computer Science & Engineering | CGPA: 8.55/10

August 2023 - Present

Coimbatore, India

Experience

Software Developer Intern @[Metatron Cube](#) [Offer Letter](#)

February 2025 - Present

AI-ML | Image Processing

- Working on generating 3D walkthroughs from building blueprint images using machine learning techniques.

Remote

Software Developer Intern @ [1000lookz](#)

October 2024 - Present

AI-ML | UI/UX | RAG | GAN | Deep Learning

- Developed an AI-powered hairstyle recommendation system with GANs and optimized UI for seamless performance.
- Built an RAG model using DeepSeek for PDF-based question answering, reducing retrieval time by 40%.

Remote

Projects

Ria Photography | [GitHub Org Link](#) | [Demo](#)

- **Tech Used:** HTML, CSS, JavaScript, Python, Flask
- **Details:** Created a comprehensive portfolio showcasing photo galleries and video highlights. Implemented a booking system for client appointments with backend support for smooth user interaction. Ensured dynamic and responsive design across multiple templates and directories.

Post-Accident Alert System | [Frontend](#) | [Backend](#) | [Demo](#)

- **Tech Used:** NodeJS, ExpressJS, WebSockets, HTML, CSS, JavaScript
- **Details:** Engineered a real-time system for detecting and reporting accidents to improve road safety. Developed backend infrastructure using NodeJS, ExpressJS, and WebSockets. Designed a responsive frontend with role-based authentication for clients, drivers, and hospitals. Deployed with WebSocket-based communication for instant emergency alerts.

Bird Species Classifier | [GitHub Link](#) | [Demo](#)

- **Tech Used:** Python, TensorFlow, HTML, Bootstrap, CSS, JavaScript, Flask
- **Details:** Developed a web-based application for bird species identification using machine learning. Implemented dynamic model loading from Google Drive, enabling access to the latest model version. Designed a user-friendly interface with upload functionality and responsive result display.

Technical Skills

Areas of Interest: Full Stack Development, Machine Learning, System Design, Competitive Programming, Mentoring

Languages and Frameworks: C, C++, Python, Java, MySQL, JS, React, Vite, Node, HTML5, CSS3, Flask, Fastapi, TailwindCSS, Bootstrap, Haskell

Tools and Technologies: Git, Figma, RaspberryPi, Esp32, Arduino, PowerBI, Excel, Jupyter, Eclipse, Visual Studio

Awards / Extra-curricular

- Finalist | Cisco ThingQubator : Recognized for innovation in IoT-based accident detection and response.Project
- Winner | Vertex Innovate 2025 | [View Certificate](#)
- Certificate Of Completion | BCG | [View Certificate](#)