RAMKUMAR R

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SUMMARY

To obtain a challenging position in a reputed organization where I can apply my technical, analytical, and problem-solving skills to contribute to innovative projects and grow as a software engineer.

EDUCATION

Qualification	School/College	Percentage / CGPA
UG	Knowledge Institute of Technology	7.8
HSC	Mangalam H.S.S	88
SSLC	Mangalam H.S.S	PASS

INTERESTS

- Full Stack Web Development
- Machine Learning & Predictive Modeling
- Internet of Things (IoT) Applications

TECHNICAL SKILLS

- Python
- Java
- C&C++
- HTML
- CSS
- Java Script

CERTIFICATIONS & ACHIEVEMENTS

- Research Publication – Blockchain Voting Systems ICCES 2024 Conference
- NPTEL Certification – Industry 4.0 & IoT
- NPTEL Certification – Cloud Computing
- Won First Prize in Code war 2.0 with RS 10,000 in Park College, Coimbatore

PROJECTS

- **Portfolio-Web Development**

    The portfolio that provides the complete details of my profile, I used HTML to create the contents efficiently and CSS to style my profile for effective look.

- **Smart Pet Feeder**

    An IoT-based system that automatically dispenses food based on bowl weight using a load cell and servo motor. Also controllable via Google Assistant and Blynk app.

- **ASKyourPDF**

    A document Q&A system that uses LLMs and RAG techniques to answer user queries from long PDF files through a chat interface built with Streamlit.

- **TalkWithHands**

    A real-time sign language recognition system that detects hand gestures and converts them into text and speech using OpenCV and deep learning.

INTERNSHIPS

- Gen AI - Infosys Spring Board
- AI&ML - InternPe
- Cloud Computing - Codtech
- Python - InternPe
- Web development - Codesoft

ACKNOWLEDGMENT

I declare that the information presented in this resume is true and accurate to the best of my knowledge. I assure you that my experience, skills, and qualifications meet the requirements of the job and I am committed to making a positive contribution to your organization.