Harish Radhakrishnan

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Summary — Aspire to stay at the forefront of the state-of-the-art cloud computing landscape, blending expertise in AWS, machine learning, and automation. With a strong foundation in software development and ERP solutions, I excel in optimizing scalable architectures and driving innovation through AI-powered solutions. Passionate about transforming complex systems into high-performance, seamless technologies that create real-world impact.

Skills

- **Automation:** Robot Frameworks, CI/CD Tools
- **Cloud:** Azure, GCP, AWS
- **Languages:** Python, Bash/Linux, C, C++, Java, SQL
- **OS:** Ubuntu, Windows, MacOS
- **Database:** MongoDB, MySQL, Oracle
- **Testing:** Pytest, Docker, CircleCI, Jenkins

Experience

AIESEC in Chennai   Feb 2023 – Feb 2024
Vice President - Operations Sector

- Progressed from **General Body Member** to **Executive Board Member** in the Outgoing Global Talent department.
- Developed **leadership**, **communication**, and **problem solving** skills through hands-on experience.
- Created a **tangible impact** by proactively tackling challenges, collaborating with a diverse team, and delivering meaningful events.

Nirainener AI Inno Pvt Ltd   Nov 2024 – Jan 2025
Software Engineer Intern

- Contributed to **Web Development**, enhancing the **Valve Tagging Module** for improved system efficiency.
- Engaged in **product optimization**, acquiring hands-on exposure to industry-grade engineering workflows.
- Collaborated with cross-functional teams to optimize user experience and improve system performance.
- Assisted in **debugging**, **optimizing code**, and **implementing solutions** to streamline the valve tagging module.
- Built **enterprise-grade software** proficiency, explored corporate ecosystems, and improved analytical thinking and adaptability.

Virran Tech Solutions Pvt Ltd   Mar 2025 – Present
ERP Functional Consultant

- Participated in the development and implementation of the **Oracle Fusion ERP application**.
- Actively worked on **ERP module configuration** and customization.
- Assisted in **troubleshooting**, **debugging**, and **optimizing** ERP workflows for better performance.
- Collaborated with cross-functional teams to gather **business requirements** and align ERP solutions with organizational goals.
- Provided **end-user training** and **post-implementation support** to ensure smooth adoption and **operational efficiency**.

Education

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KTR - 8.25 CGPA
Bachelor's of Technology: Computer Science With Specialization In Information Technology Sept 2022 - Current

Srimathi Sundaravalli Memorial School - 85.25%
Grade XII 2021 - 2022

Srimathi Sundaravalli Memorial School - 91.00%
Grade X 2019 - 2020

Publications

Sentiment Analysis on Amazon Food Reviews   Dec 2024

- Prajasree G, **Harish R**, Abinaya Vina, Sabareeswaravaasan RS
- https://ieeexplore.ieee.org/document/10961795

Projects

Ear Based Biometric System   **Dec 2023**
– Built an ear-based biometric system on **Jetson Nano** using **YOLOv8** and **CNN** for real-time detection and feature extraction. Achieved **92.75% accuracy**, optimizing deep learning models for edge AI.
– Tools Used: Jetson Nano, YOLOv8, Python, Linux Commands

Sentiment Analysis on Amazon Food Reviews   **Nov 2024**
– Implemented sentiment analysis using the **RoBERTa model**, achieving an **F1-score of 0.92**. Presented findings at an **International conference** and achieved **Scopus indexing**.
– Tools Used: AI/ML, NLP, Deep Learning Techniques, Python

2D vs 3D - A Study on Face Reconstruction Model   **Dec 2024**
– Implemented accurate **3D face reconstruction** using PyTorch and **NVIDIA GeForce RTX 3050**, leveraging the Deep3DFaceRecon framework for **high-fidelity results**.
– Tools Used: Custom GPU's (NVIDIA), Python

AI-Powered Personalized Learning & Progress Tracking for Visually Impaired   **Mar 2025 – Present**
– Built an **AI-driven TTS assistant** using **real-time behavior analytics** and ML to personalize speech and learning content for visually impaired students.
– Tools Used: AWS, OpenAI Whisper, Tensorflow, DL/ML Techniques

Certifications

Oracle Cloud Infrastructure Data Foundations Associate   **Oct 2024 – Present**
Amazon Web Services Cloud Practitioner   **Apr 2025 – Apr 2028**

Awards

Presenter at IEEE International Conference
– Presented research at the **1st IEEE International Conference on Emerging Technologies & Innovation for Sustainability (ETIS-2025)** held at NIET, Greater Noida, and received recognition for **significant contribution** in a conference supported by the **Anusandhan National Research Foundation (ANRF)**, Government of India.

Ossome Hacks Hackathon - HacktheBox SRMIST
– **One among the top 5 teams**. Team of 4 designed an innovative 3D Mesh creation project from just 2D image to revolutionize 3D printing industries.

Ultron 8.0 Hackathon, CINTEL Department - SRMIST
– **One among the top 20 teams**. Engaged in fast-paced, collaborative problem-solving by participating in hackathons, enhancing skills in innovation, teamwork, and real-world tech application under time constraints.

Extracurricular Activities

NWC Association - Vice President   **Jan 2025 – Present**
– Leading cross-functional teams and coordinating high-impact events and initiatives that strengthened student engagement, leadership, and community outreach.

Grad Society - Creative Head   **Jan 2024 – Present**
– Led creative strategy as Creatives Head of the Grad Society, designing alumni engagement campaigns and visual content that enhanced departmental branding and strengthened alumni-student relations.

Active Blood Donor
– Active blood donor, consistently contributing to community health through regular participation in donation drives.

Languages

– **English** – Fundamental Proficiency
– **Tamil** – Native Proficiency
– **Japanese** - Limited Working Proficiency