B HARI RAM DEEP REDDY

harideep0099@gmail.com | 9381430316 | LinkedIn: Hari Ram Deep Reddy | Bangalore, India

---

PROFESSIONAL SUMMARY

A highly motivated computer science engineer with expertise in software development, machine learning, cloud computing, and blockchain. Proficient in designing and implementing innovative solutions for complex real-world problems. Strong background in deep learning, predictive analytics, and network security, with experience in academic projects. Adept at working with cutting-edge technologies, collaborating in multidisciplinary teams, and developing innovative technical solutions.

EDUCATION

MTech in Computer Science and Engineering
Amrita Vishwa Vidyapeetham, Bangalore | 2024 – 2026
BTech in Computer Science and Engineering
Amrita Vishwa Vidyapeetham, Bangalore | 2020 – 2024
Pre-University Course(PUC)
Narayana PU College, Bangalore | 2018 – 2020

PROGRAMMING LANGUAGES

- Python
- C, C++
- Java
- JavaScript
- SQL

TECHNICAL SKILLS

Software Development

- Full-stack Development
- Object-Oriented Programming (OOPS)
- Data Structures and Algorithms

Machine Learning & AI

- Deep Learning, Predictive Analytics
- Machine Learning (ML) and Data Science (DS)

Cloud Computing & Cybersecurity

- AWS (Academy Cloud Foundations)
- Blockchain: Smart Contracts, Supply Chain Management
- Cybersecurity: Ethical Hacking, Cryptography

Database & Networking

- Database Management: MySQL, MongoDB
- Networking

PROJECTS

M.Tech Projects **(08/2024 – 01/2025)**

Crime Type Prediction using Advanced Machine Learning Techniques – Developed a machine learning model for crime classification using advanced analytics

Integrating Haversine Distance and DBSCAN Clustering for Spatially Enhanced Real Estate Valuation – Implemented a clustering-based model to optimize property valuation based on spatial data analysis

B.Tech Projects **(08/2020 – 06/2024)**

Blockchain-Based Supply Chain Management – Developed a transparent and secure blockchain-based system for supply chain tracking

Hospital Management System – Designed a user-friendly system to streamline hospital operations

Network Design for Office Management – Developed a secure network infrastructure for enterprises

Cab Hiring Application – Built an application for seamless cab booking and management

Deep Learning for Lung Cancer Detection from CT Scan Images – Implemented CNN-based deep learning techniques for medical diagnostics

---

CERTIFICATIONS

- Infosys Springboard Young Python Professional
- Green Computing Certificate
- AWS Academy Graduate - AWS Academy Cloud Foundations
- Flipkart GRiD 5.0 - Software Development Track

ACHIEVEMENTS & EXTRACURRICULARS

- **Active Member of Prakriti – The Eco Club of Amrita** – Actively participated in sustainability initiatives and technology-driven environmental campaigns
- **Member of Chethana – The Sports Club of Amrita** – Actively participated in sports events and fitness initiatives
- **Published a research paper on Blockchain Technology in Agriculture** – Explored the application of blockchain for enhancing transparency and efficiency in the agricultural sector

---

LANGUAGES

- English | Telugu | Kannada | Hindi