Hemanth Karthick

📞 95000 20510 @ hemanthkarthick03@gmail.com 🌐 Web Portfolio

EDUCATION

R.M.K Engineering College
B.E. (Hons.) in Computer Science
📅 Oct 2021-Jun 2025 📍 Kavarapettai, TN
CURRENTLY PURSUING

IIT, Madras
BS in Data Science & Applications
📅 Aug 2023 📍 Chennai, TN
FOUNDATIONS - COMPLETED

Velammal Vidhyashram
HSC - 83.4%
SSC - 87.6%
📅 Apr 2012-Jun 2021 📍 Surapet, TN
COMPUTER SCIENCE

LINKS

 GitHub: /phoenix-mp3
in Linkedin: /hemanth-karthick
</> Leetcode: /phoenix-mp3

SKILLS

Programming:
Python • Java • C/C++ • JavaScript
• HTML/CSS • SQL • Solidity • PHP

Miscellaneous:
AWS • LangChain • PowerBI • Git • SAS
Ethereum • Remix • React • Tableau

COURSEWORK

• Data Science
• Machine Learning
• Artificial Intelligence
• Software Engineering
• Database Management System
• Data Structures
• Smart Contracts
• Statistical Theory and Methods

HONORS

FINALIST
"IBM Hack Challenge 2023"
📄 Media Monitoring and Multilabel
Classification using IBM Watson

WINNERS - SOFTWARE
"Glance-Village Hackathon"
� Satellite-Based Crop Monitoring
and Crop Prediction

CONSOLATION PRIZE
"Science & Innovation Club"
💬 Virtual Voice Assistant with
Hand Gesture Detection

PROJECTS

PACE SPORTS FOUNDATION WEBSITE
📅 Jun 2024 – Aug 2024 📍 Chennai, TN
- Developed a **Responsive website** using **WordPress, Bootstrap, CSS** for the Pace Sports Foundation to enhance their online presence and streamline the management of athletic records.

YOUTUBE DATA HARVESTING AND WAREHOUSING
📅 Aug 2023 – Oct 2023 📍 Chennai, TN
- Developed a user-friendly **Streamlit** application to store and manage YouTube data in a **MongoDB** database, improving data retrieval efficiency by 30%.

HEALTHCARE MANAGEMENT SYSTEM USING BLOCKCHAIN
📅 Oct 2022 – Feb 2023 📍 Chennai, TN
- Developed a HIPAA-compliant serverless application on the **Ethereum blockchain** and implemented algorithms to optimize gas usage to enhance data security and privacy in healthcare management reducing transaction costs by 25%.

VIRTUAL VOICE ASSISTANT WITH LLAMA3 LLM
📅 Jan 2022 – June 2022 📍 Chennai, TN
- Integrated various APIs with the **Meta Llama3** to control screen brightness and volume using hand gestures recognized by **OpenCV** and **TensorFlow** to improve user interaction .

PROFESSIONAL CERTIFICATIONS

IBM Data Science
COURSERA, IBM, PROFESSIONAL CERTIFICATE
📅 May 2023 – Dec 2023 📍 Chennai, TN
• Solved practical data science issues and derived insights by applying machine learning techniques.
• Enhanced programming skills and data analysis proficiency using tools such as **Python, Jupyter Notebooks, and IBM Watson**.

Google Data Analytics
COURSERA, GOOGLE, PROFESSIONAL CERTIFICATE
📅 June 2022 – Sept 2022 📍 Chennai, TN
• Complete analysis and calculations using **Spreadsheets, SQL, and R programming**.
• Conducted a final project that involved creating a comprehensive data dashboard in **Google Data Studio**.

EXPERIENCE

AWS & WEB DEVELOPER INTERN
FINECONS PRIVATE LTD.
📅 June 2024 – Present 📍 Chennai, TN
• Developed and maintained college and company websites.
• Managed **AWS clusters** and implemented cloud solutions to optimize performance.

DATA SCIENCE INTERN
LETSGROWMORE
📅 July 2023 – July 2023 📍 Chennai, TN
• Applied machine learning techniques such as **linear regression, decision trees, and clustering** to solve practical business problems.