BHARATHI V M

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⚙ **Github**   in https://www.linkedin.com/in/bharathi-murali-494317259

CAREER OBJECTIVE

Enthusiastic Computer Science student seeking an internship to apply academic knowledge, gain hands-on experience, and expand technical expertise.

EDUCATION

Coimbatore Institute of Engineering and Technology	2022-2026
BE CSE CGPA: 9.28	
SRV Hi-Tech Matric Higher Secondary School	2021-2022
HSC Percentage: 89.83	
SRV Hi-Tech Matric Higher Secondary School	2019-2020
SSLC Percentage: 91.2	

SKILLS

Programming Languages- Python, Java, C++, Javascript

Version Control - Github

Tools- Jupyter Notebook, GoogleColab, Scikit-Learn, Htop, Wireshark, Weka

Database- MySQL

Operating System – Windows, Kali Linux, Ubuntu

PROJECTS

- Detection and Prevention of DOS attack
  To analyze DDoS flooding and detect malicious traffic patterns, and IDS configurations in Kali Linux to effectively prevent network flooding.

- NLP to SQL Converter
  Designed a user-friendly web app that translates plain English into SQL queries using Gemini and BERT models, enabling smart database interactions. Built with FastAPI, Flask, and SQLite.

- Predicting Rainfall Using Machine Learning
  Developed a Machine learning model leveraging weather features like temperature, precipitation, wind, and date components for rainfall prediction. Demonstrated it using Random Forest which surpassing other algorithms like SVM,KNN

ACHIEVEMENTS

- Participated in 24 Hours National Level Hackathon 2025 at KPR Institute of Engineering and Technology - Qualified for Second Round
- Participated in National level Conference Paper Presentation at Coimbatore Institute of Engineering and Technology

CERTIFICATIONS

Fundamentals of Artificial Intelligence – NPTEL

AI: Knowledge Representation and Reasoning – NPTEL

Hacker Rank - Python(Basic)

Introduction to Large Language Models – Coursera

Computer Networks and Internet Protocol – NPTEL

Cloud Computing - NPTEL