Gopinathan M

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EDUCATION

KPR INSTITUTE OF ENGINEERING AND TECHNOLOGY

B.E. in Computer Science and Engineering
Expected Graduation: May 2027 | Coimbatore, India

CGPA: 8.51 / 10.0

KG MATRICULATION HIGHER SECONDARY SCHOOL

Graduated: 2023 | Coimbatore, India

Percentage: 91.3 %

LINKS

GitHub:// **gopidevx**
LinkedIn:// **m-gopinathan**
YouTube:// **GopiDevX**
Twitter:// **@GopiDevX**
LeetCode:// **M_Gopinathan**

COURSEWORK

UNDERGRADUATE

Data Structures and Algorithms
Design and Analysis of Algorithms
Operating Systems
Software Engineering
Database Management Systems
Cloud Computing
Machine Learning Fundamentals
Java Programming
Python Programming
Discrete Mathematics
Theory of Computation
Computer Organization and Architecture
Containerization using Docker

LANGUAGES

- English (Fluent)
- Tamil (Native)

CERTIFICATIONS

- Cloud Computing (NPTEL)
- Cisco Networking Essentials – 2024
- Cisco Packet Tracer – 2024

SKILLS

PROGRAMMING

Java • Python • C • C++

PROBLEM SOLVING

Data Structures and Algorithms

FAMILIAR:

MySQL • HTML • CSS

VERSION CONTROL

Git • GitHub

EXPERIENCE

CISCO VIP INTERNSHIP PROGRAM | Intern

2024 | Remote

- Gained hands-on experience in networking, network security, and cybersecurity.
- Utilized tools like Packet Tracer for network security analysis and system troubleshooting.
- Developed expertise in networking essentials, including IP addressing, subnetting, and routing protocols.

PROJECTS

EV CHARGING PRICE PREDICTION | Developer

2024 | Remote

- Developed a machine learning-based model to predict electric vehicle charging prices using data analytics and regression algorithms.
- Focused on analyzing historical data, predicting price variations, and improving pricing accuracy for EV charging stations.
- Utilized Python, scikit-learn, and Pandas for data manipulation and model building.

HACKATHON PROJECTS | Participant in Intel GenAI Hackathon 2024

2024 | Remote

- **Real-Time Vital Signs Monitoring System:** Developed a software application to monitor and visualize real-time vital signs (heart rate, temperature, blood pressure) using a web app.
- Designed a user-friendly interface to display the data in real-time for healthcare professionals and implemented alerting mechanisms for abnormal values.
- Technologies used: Python (Flask/Django) for the web app development and real-time data handling.

AI-POWERED FAKE NEWS ERASER | INNOVSENSE | Developer

2024 | Remote

- Built an AI tool using NLP to detect fake news for InnovSense.
- Used Python and TensorFlow.