MOHAMMED SHAMEEM S

Phone: 8056568821 | **Email:** shameemsms2004@gmail.com | **Github** | **LinkedIn**

EDUCATION

Sri Eshwar College of Engineering, Coimbatore	**B.E ECE**	**CGPA: 7.82**(upto 5th Semester)	**2022 - 2026**
Bharat Matric Higher Secondary School, Krishnagiri	**HSC**	**89%**	**2020 - 2022**
Kingsley Gardens Matric Higher Secondary School, Krishnagiri	**SSLC**	**98%**	**2019 - 2020**

INTERNSHIPS

NSIC - Cybersecurity **2024**

Assisted in monitoring and analyzing security threats using SIEM tools, contributing to the incident response and vulnerability assessment processes. Supported the development and delivery of security awareness training programs. Conducted research to stay updated on cybersecurity trends and helped improve security policies.

CISCO VIRTUAL INTERNSHIP - Networking **2024**

Designed and implemented secure and efficient network topologies by utilizing VLANs, subnetting, and routing techniques to ensure network isolation and optimized traffic management. Configured dynamic routing protocols such as OSPF to enable efficient route determination and seamless communication across the network.

DITTO SECURITY- Cybersecurity **2024**

Completed a cybersecurity internship at Ditto Security, gaining hands-on experience in vulnerability assessments, network security, and threat mitigation strategies. Worked with tools like Nmap, Wireshark, and Kali Linux to identify and address security risks. Contributed to security audits and analysis, strengthening organizational defense mechanisms.

PROJECTS

EvacGlow – Intelligent Fire Detection and Evacuation Guidance System | GitHub **2025**

EVACGLOW is a real-time fire safety system designed using Arduino to detect fire, smoke, and high temperature while guiding safe evacuation via servo-controlled exit paths. It features ultrasonic-based human detection, sensor-based decision logic, I2C LCD alerts, buzzer and LED indicators, and PCA9685-controlled servo motors. The system prioritizes safety by automatically sealing hazardous paths and illuminating safe routes.

Hardwares Used: Arduino, DHT11, MQ2, Flame Sensors, Ultrasonic Sensor, PCA9685 and etc. | **Software Tool:** Arduino IDE

Illuminati - The Ultimate Cybersecurity and Network Mapping Tool **2025**

Illuminati is a powerful Kali Linux-based tool for IP tracking, network mapping, subdomain & port scanning, and vulnerability analysis. It integrates multiple cybersecurity modules, including geolocation extraction and password strength evaluation. Designed with a user-friendly GUI, it streamlines advanced security assessments for professionals and researchers.

Tech Stack: Python, Bash, Nmap, Subfinder, Amass, Kali Linux Tools, etc

RouteNConnext- Network Mapping and Visualization Tool **2024**

Developed a Python-based tool for real-time network mapping and topology visualization, capable of detecting connected devices, analyzing network traffic, and identifying topology types (Star, Mesh, etc.). Implemented features like device vendor identification, port scanning, LLDP neighbor discovery, and 3D interactive visualization using Plotly. Designed the system to export network details in JSON, CSV, and visual formats for detailed analysis.

Tech Stack: Python, Scapy, Matplotlib, NetworkX, Plotly, Nmap, OS, Subprocess, JSON, CSV

SecureDrive - Advanced Vehicle Safety and Secure System **2024**

SECURE DRIVE is an advanced vehicle safety and security system that integrates alcohol detection, PIN-based authentication, and real-time alerts using an Arduino microcontroller. It prevents impaired and unauthorized driving by disabling the vehicle if alcohol is detected or the PIN is incorrect, significantly enhancing road safety and vehicle security.

Hardwares used: ArduinoUNO, MQ3Sensor, I2CLCD and etc **| Software Tool:** Arduino IDE

CERTIFICATIONS

Successfully certified in CCNA: Introduction to CyberSecurity	- **Cisco Networking Academy**	**2025**
Successfully certified in CCNA: Introduction to Networks	- **Cisco Networking Academy**	**2025**
Successfully certified in CCNA: Enterprise Networking, Security, and Automation	- **Cisco Networking Academy**	**2025**
Successfully completed the Virtual Internship in Networking	- **CISCO AICTE**	**2024**
Successfully certified in Cloud Computing	**- NPTEL**	**2024**
Successfully certified in SQL (Basic)	**- HackerRank**	**2024**
Successfully completed Rapid Prototyping with the curiosity Platform	- **Microchip University**	**2024**
Successfully certified in Mastering Data Structures & Algorithms using C and C++	**- Udemy**	**2023**
Successfully certified in Augmented Reality and Virtual Reality - Workshop	**- SECE**	**2023**
Successfully certified in Advanced Python Programming	**- CATS Computer Education**	**2022**

ACHIEVEMENTS

CodeChef - Solved 250+ problems | Rating 957 | profile
Leetcode - Solved 100+ problems |Global Ranking - 610,113 | profile
HackerRank - Solved 50+ problems | Earned 4star batch for Java Programming | profile
HackerEarth - Secured 150+ points | profile

SKILLS

Languages - Python | C & C++ | Java(Basics) | Javascript(Basics)
Web Technologies - HTML | CSS | JavaScript(Basics) | React(Basics)
Core Concepts - Data Structures & Algorithms(Basics) | OOPS(Basics) | DBMS(Intermediate)
Tools - Visual Studio Code | Eclipse | IntelliJ | SceneBuilder | Figma | Arduino
Libraries - NumPy | Pandas | Plotly | Matplotlib