ATHISH M

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EDUCATION

Sri Eshwar College of Engineering	**B.E (ECE)**	**CGPA 8.1**	**2022-2026**
Muthusamy Gounder Matric Hr Secondary School	**HSC**	**83.5%**	**2020-2022**
Muthusamy Gounder Matric Hr Secondary School	**SSLC**	**93.8%**	**2019-2020**

INTERNSHIPS

IT Infra Training - NETCON   **2024**

Completed a internship focused on IT infrastructure and networking, gained hands-on experience in network configurations, gained hands-on experience in network configurations, troubleshooting and device management. Assisted in enhancing network security and optimizing performance through practical tasks.

Mern Stack - BETTER TOMORROW   **2024**

Utilized Mern Stack proficiently to construct secure APIs and establish database connectivity for user authentication in dynamic web applications, contributing effectively within a collaborative team setting to acquire hands-on experience in dynamic technologies.

PROJECTS

Smart Agro Tech   **2023**

Developed a dual-module Ecosystem to boost Agricultural productivity. The First module used sensors to recommend crops based on temperature ,humidity, soil moisture and NPK levels. The Second module employed Azadirachtin to deter pests non-lethally.
Tech Stack : Sensors ,python 3.7.6 IDE, microcontrollers and ardiuno IDE

Smart Mining Helmet   **2023**

Designed a smart helmet to ensure miner's health conditions and detect hazard situation in mining areas
Tech Stack : Sensors, Firmwares, MERN, ardiuno IDE

Chat Application   **2024**

Developed a real-time chat application with room-based messaging with authentication using MERN stackfor seamless communication.
Tech Stack : MERN

Energy on your feet   **2025**

Developed a footstep power generation system using Atmega 328, RFID, and Arduino, converting human footsteps into stored energy for home applications.. Integrated RFID-based authentication for user registration, charging time management, and recharging functionality.
Tech Stack : Peizoelectric sensors, RFID module, microcontroller,display

CERTIFICATIONS

Certified in Mastering Data Structures & Algorithms (C & C++)	**Udemy**	**2023**
Certified in Java Programming	**Codsoft**	**2023**
Certified in Networking and Cybersecurity essentials	**Cisco**	**2024**
Certified in Cloud Computing	**Nptel**	**2024**

ACHIEVEMENTS

Finalist(2nd place) in PROJECT EXPO ,Sri Eshwar College of Engineering - Coimbatore
Finalist(3rd place) in IDEATHON, Akshaya College of Engineering - Coimbatore
Shortlisted for Finals(**Top 15**) over 1500 participants in HACKFEST, VIT - Chennai
Leetcode Secured Max rating - 1572, Ranking - 1,26,960 profile | **HackerRank** 8989 hackos 5★(Java) profile
CodeChef Secured Max rating - 955 profile | Solved 300+ problems in Skillrack

SKILLS

LANGUAGES	Java | C | C++ | Python | Embedded C | PHP
CONCEPTS	Data Structures & Algorithms | Object-Oriented Programming (OOPS)
DATABASES	SQL | MongoDB
Operating System	RTOS | Linux
Networking	Switching, Routing, Security, Subnetting, Ipv4, Ipv6 and VLAN configurations
TOOLS	VS Code | PyCharm | GitHub | IntelliJ IDEA | Eclipse | Proteu | Keil | ModelSIM
DOCUMENTATION	MS Office