NISARGA H R

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Motivated and quick-learning engineering graduate seeking an opportunity to contribute to a dynamic and growth-oriented organization. Eager to apply technical knowledge, problem-solving skills, and adaptability in a professional environment while continuously learning and developing new competencies across diverse areas in the IT industry.

EDUCATION

Rajeev Institute of Technology, Hassan   2021 - 2025
Bachelor of Engineering, ECE, CGPA: 8.7

Master's PU College, Hassan   2018 - 2020
Pre University Education, Percentage: 89.5%

SSLC
Green Wood English School, Percentage: 96.32%   2017-2018

PROFESSIONAL EXPERIENCE

Soft Skills Training from 10 Seconds	October 2022
Intel India STEM Skills Program for Women	April 2023
Ethical Hacking & Cyber Security Workshop	August 2023
Internship - PLC & IOT done at GTTC, Mysore	November 2023
Internship - AIML from Rooman Technologies	September 2024
Internship - AWS re-start from Anudip Foundations	November 2024
Ethical Hacking Training at Hacker School	September 2025

PROJECTS

- Performed full-cycle vulnerability assessment and penetration testing on virtual lab environments including reconnaissance, scanning, enumeration, exploitation, and reporting.
- Hands-on experience with core AWS services such as EC2, S3, IAM, CloudWatch, RDS, and VPC along with practical knowledge of Linux system administration, basic scripting and networking fundamentals.
- Distance Measurement using ultrasonic sensor and Arduino: Constructed a non-contact measurement of obstacles which works by using Ultrasonic sensor and Arduino.
- Self-Driving Car Based on Image Processing and Microcontroller: Designed and developed a self-driving car prototype using image processing and a microcontroller, enabling autonomous navigation and obstacle detection.

CERTIFICATIONS

PLC & IoT, AIML, AWS Certified Cloud Practitioner, Ethical Hacking

SKILLS

C, Python, SQL, MS Excel, PLC & IoT, AIML, AWS, Ethical Hacking (Tools used: Nmap, Nessus, OWASP ZAP, SQLmap, Wireshark, Metasploit Framework, Parrot OS, Windows, Linux)

Soft Skills:

- Strong analytical and problem-solving abilities
- Quick learner with adaptability to new technologies
- Effective communication and teamwork
- Self-motivated and proactive attitude