

HARITIMA ATRI

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Results-driven web developer with expertise in building responsive websites and debugging code. Proficient in HTML, CSS, JavaScript, React, and Git, with strong troubleshooting skills and a cybersecurity background. Awarded Gold Medal in M.Sc. Computer Science. Skilled in project management, teamwork, and delivering efficient tech solutions. Passionate about innovation, problem-solving, and optimizing digital experiences.

STRENGTHS AND EXPERTISE

C/C++ · Proficient with project management software · Critical thinking · Public speaking · HTML5/CSS · JAVASCRIPT · GIT/GITHUB · REACTJS · NODEJS · DSA · Debugging · Research · Python · SQL · Data visualization

PROFESSIONAL EXPERIENCE

CipherByte Technologies

July 2024- August 2024

Web developer intern

Developed a versatile profile and website using HTML, CSS, and JavaScript, improving debugging skills and enhancing solution-oriented abilities. Strengthened confidence in web development through hands-on experience with Git and responsive design.

PUBLICATIONS

Optimization of network mapping for screening and intrusion sensing devices

2024

Springer Publication

Wiremap is a Python-based network monitoring tool using Scapy for port scanning, packet sniffing, and DNS resolution. It helps identify accessible ports, analyze network data, and detect threats, offering a comprehensive solution for network administrators, security experts, and penetration testers to assess and improve security.

Enhancing agriculture productivity through IOT - based devices: A future prospective

2024

YMER PUBLICATION

This study examines IoT's role in agriculture, improving resource efficiency and resilience. It highlights IoT sensors in crop monitoring, livestock management, and environmental oversight, supported by machine learning and data analytics for informed decisions, aiming to enhance sustainable farming and food security.

Optimizing network infrastructure for IOT- based agriculture

2024

YMER PUBLICATION

This paper examines optimizing network infrastructure for IoT in agriculture, addressing challenges like power constraints and environmental conditions. It discusses protocols, routing algorithms, energy efficiency, and future advancements in edge computing and machine learning to improve scalability, productivity, and sustainability in agricultural practices.

CERTIFICATIONS

AIG Shields Up: Cybersecurity virtual experience program on Forage	2025
Mastercard Cybersecurity virtual experience program on Forage	2025
SMART INDIA HACKATHON	2023
Introduction To Cybersecurity Foundations	2023
SECURITY LEARNING PLAN -AWS	2023

PROJECTS

Wire map (Port Scanner)

A Scapy-based Python script for efficient network security assessment through port scanning and packet sniffing.

Real Time Chat Application

A real-time chat application with react hooks and socket.io

EDUCATION

SHARDA UNIVERISTY

MASTER'S IN COMPUTER SCIENCE

SRM UNIVERSITY

Bachelor in computer science

References are available on request.