PARTH PATEL

Cybersecurity & Security Operations Graduate

Massachusetts | Ohio | Parth459.a@gmail.com | (774) 223-8113

PROFESSIONAL OBJECTIVE

Computer Science graduate with a strong academic foundation in cybersecurity, networking, operating systems, and software fundamentals. Gained hands-on experience through coursework, labs, and academic projects involving network analysis, IoT security, and incident response concepts. Seeking an entry-level SOC Analyst, Security Operations, or IT Security role where I can contribute to monitoring, analysis, and operational security while continuing to develop practical cybersecurity skills.

EDUCATION

Bachelor of Science – Computer Science
University of Massachusetts Boston — December 2025

TECHNICAL SKILLS

Security & Networking: Incident monitoring & alert triage concepts, TCP/IP, DNS, DHCP, ARP & DoS attack concepts, HTTPS & TLS basics, IoT security & privacy.
Operating Systems: Linux (CLI, permissions, processes), Windows fundamentals.
Programming (Foundational): C, C++, C#, Java, Python, Jython, Cython, HTML, CSS, JavaScript, WebGL, compiler concepts.

ACADEMIC PROJECTS

Home Security & IP Camera System: Designed a home/IoT security monitoring solution using networked cameras; configured device connectivity and access controls; evaluated security and privacy risks; documented system architecture and troubleshooting steps.

Cybersecurity & Network Analysis Labs: Analyzed packet captures to identify suspicious activity; studied ARP spoofing and denial-of-service attacks; applied secure communication principles.

IoT Security & Privacy Research: Explored smart home security challenges; studied cryptographic approaches and privacy risks; evaluated real-world IoT security implications.

LANGUAGES & AVAILABILITY

Languages: English, Hindi, Gujarati
Availability: Day or evening shifts | No overnight shifts | Hybrid or remote