

RITHIK OZA

Email: rithikoza00@gmail.com | +1 704-930-3443 | [LinkedIn](#) | [GitHub](#)

Charlotte, North Carolina

PROFESSIONAL SUMMARY

Cybersecurity Analyst with expertise in threat intelligence, security architecture, vulnerability management, and network security. Proficient in SOC protocols (EDR, XDR), encryption techniques, firewalls, and cloud security. Strong problem-solving and analytical skills with a commitment to staying updated on cybersecurity threats and technologies.

CORE SKILLS & TECHNOLOGIES

- Cybersecurity & Networking: Threat Intelligence, SOC (EDR, XDR), SIEM, Incident Response, Firewall Management, IDS/IPS, Risk Assessment, TLS/HTTPS, Vulnerability Management.
- Programming & Development: Python, C++, Java, JavaScript, Node.js, PHP, MATLAB, HTML, CSS, jQuery, Bootstrap, Flutter.
- Cloud & Infrastructure: Azure Security, AWS, CentOS Administration, Web Content Development, DevSecOps.
- Data Science & AI: Natural Language Processing, Quantum Computing, Artificial Intelligence, High-Performance Computing
- Soft Skills: Public Speaking, Team Collaboration, Analytical Thinking, Leadership

PROFESSIONAL EXPERIENCE

Cybersecurity Specialist

[FinX AI, New Jersey \(Summer Internship, 3 months\)](#)

- Integrated **threat intelligence** platforms with **SOC protocols like EDR and XDR** to improve **operational security** on CentOS and implement strong cybersecurity procedures at FinxAI.
- Using **Wireshark** and **tcpdump** to observe **network traffic**, Transport Layer Security (**TLS**) and **HTTPS** were configured and implemented for secure communications.
- Improved **cloud security** by installing security measures and managing **Azure** devices, as well as learning more about **network analysis, encryption protocols, and security architecture**.

Web Developer

[Symantec \(4 months\)](#)

- Leveraging Bootstrap, HTML, CSS, and jQuery, a predictive analytics website was created that lets users personalise data visualisation through charts, graphs, and structured formats.
- Incorporating C++ security measures and using breach methods for penetration testing helped secure the website. Vulnerabilities were found and fixed through iterative upgrades.

Online System & App Developer

TISKA (6 months)

- Utilising React, a dynamic and readily upgradeable framework with Virtual DOM and JSX for effective design, a meal delivery service's web system and mobile app were created.
- To verify functionality and enhance efficiency and guarantee a flawless user experience, application testing was carried out using Enzyme.

EDUCATION

University of North Carolina at Charlotte

Master's in Cybersecurity (Aug 2023 - Dec 2024)

Vishvakarma Institute of Information Technology

B.Tech in Information Technology (2018 - 2022)

Podar International School

International Baccalaureate Diploma Program (IBDP) (2016 - 2018)

PROJECTS & ACCOMPLISHMENTS

- Star Hackathon (**Top 10**/100 Teams): Designed an IoT-based water quality monitoring system.
- Blockchain-Based Stock Exchange (Hackathon Project): Developed a **crypto-based share trading platform**.
- Polkadot Hackathon (**1st Place**): Created a robotic weed remover to improve agricultural yield.

INTERNSHIPS

- Tutors Arena (6 months): Built a student-tutor matchmaking platform.
- TaskMan App (6 months): Created a farm task management app under faculty guidance.

CERTIFICATIONS

- CodeChef Certifications: Beginner and Advanced Python.
- Coursera Certifications: C++, and Java challenges with excellence certification.