

IT professional with experience in network administration, programming, graphic design, system security, and help desk services combined with the capacity to understand problems intuitively, strategize a course of action, and create robust solutions that aid productivity, communication, and network integrity. Combine strong analytical, troubleshooting, and technical acumen with solid leadership, project management, and team-building skills to consistently deliver productive technological solutions. Participated in The National Cyber League Individual Scouting Game, and scored 92.3% in Network Traffic Analysis, Open-Source Intelligence, and Password Cracking.

CORE COMPETENCIES

- Cybersecurity** – Certified in Fortinet® as a Network Security Expert (NSE 1). Monitor and conduct preventive maintenance, security scans, cyber security risk and network vulnerability assessments.
- Software Developer** – Skilled in programming languages, frameworks, database management, backend development, APIs integration, and Agile methodologies; testing and debugging.
- Project Management** – Experience overseeing the planning, execution, and completion of Agile projects. Define goals, create plans, manage resources, track progress, and ensure projects stay within budget and meet deadlines.
- System** – Install, administer, maintain, and repair computer hardware, systems software, database, business applications software, peripherals, and security systems (firewalls, access, antivirus).
- Network** – Install, monitor, maintain, and manage LAN, WAN, and VPN. Configure—IP scheme, VLANs, routing, switching, hubs, patch panels, CAT6 LAN connectors, and ensure all security measures.

TECH PROFILE

Operating Systems	MacOS, iOS, LINUX, UNIX, Windows
Programming Languages	JavaScript, Python, Java, SQL, Bash
Libraries/Frameworks	React, Node.js, Express, Django, Socket.io, Axios
App/Tools	HTML, CSS, Git, Jira, Figma, Notion, MS Office Suite, MongoDB, Neo4j, GCP
Security	Wireshark, Kali Linux, Metasploit, Firewalls, Nmap
CRM/CLM	Agiloft (Contract Lifecycle Management Platform)
Trainings	Cybersecurity, Software Security, Artificial Intelligence, Network Security, Systems Analysis, Web-Development, Software Engineering

EDUCATION

UNIVERSITY OF DAYTON, Dayton, OH  
BS Computer Information Systems, 5/2024  
Business Administration Minor  
Dean’s List, 2021-2023

EXPERIENCE

- DATA ACCESS, San Juan, PR | 2022-2023
- IT Analyst/Help Desk/IT Technician**
- Formed part of Puerto Rico’s leading data and networking solution company and Fortinet® partners serving in an expanded role supporting administrative and on-field projects servicing corporate and government accounts.
- Conducted inventory assessments of hardware network components— cables, optic fiber, routers, switches, media converters, and POS. Produced excel reports and logged real-time inventory into AgiLoft System.
  - Configured—FortiGate 60-D firewalls, routing, switching, hubs, and patch panels, and set up fiber optic WAN. Ensured security measures and integrated IP Protocols.
  - Analyzed issues, tested network speed and connectivity, diagnosed, troubleshot, and monitored network and routers to ensure system integrity and availability.

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## PROJECTS

### **THEIA (AKG) Autonomous Knowledge Generator Project, 1/2024-4/2024**

#### **Front End Developer**

Collaborated with Illumination Works, LLC. team to develop an application aimed at improving search, data extraction, and analysis capabilities for users by streamlining data warehousing tasks, saving time for analysts, and making metadata more accessible.

- Developed a user interface (UI) with React JavaScript for analysts to access an instance of a Neo4j graph database. Led front-end efforts by crafting reusable React components and integrated the database seamlessly into the application.

### **MESSAGING APP, 8/2023-12/2023**

#### **Project Manager & Full-Stack Developer**

Managed the application process by coordinating the team's scope of work, tasks, timeline, and resources, ensuring project goals. Monitored project progress, debugged, and resolved issues.

- Collaborated with a team to create a real-time messaging application using Agile Scrum methodology. Employed Node.js, Express, Socket.io, and MongoDB. Contributed to both front-end and back-end development.

### **METASPLOITABLE, 1/2023-4/2023**

#### **Penetration Testing**

Secured a vulnerable Linux server by eliminating vulnerabilities, configuring firewall rules, changing passwords, removing unnecessary services, accounts, and applications, while allowing remote access services.

- Used Kali Linux and Metasploit to test the security of the server.

### **PHISHFLIX, 9/2022-12/2022**

#### **Project Manager & Developer**

Designed, developed, and deployed Phishflix using JavaScript, a deceptive website modeled after Netflix. Implemented a keylogger and the Ip-api to capture user credentials and their IP address after logging in. Users are redirected to the genuine Netflix page not knowing their credentials were stolen.