

# Naga Bhaskara Jyothi Nainala (Jyothi)

(331) 901-7331 | [nbinainala@gmail.com](mailto:nbinainala@gmail.com) | Vernon Hills, Illinois | [www.linkedin.com/in/jyothinainala](https://www.linkedin.com/in/jyothinainala)

## Summary Of Qualifications

---

Cybersecurity Analyst with a strong foundation in software unit testing, passionate about identifying security vulnerabilities and researching innovative solutions. Experienced in the telecom industry, with expertise in Behavior Driven Development (BDD) using FitNesse and Given-When-Then frameworks. Committed to leveraging my diverse skills in cybersecurity and software testing to enhance organizational security posture.

## Certifications

---

CompTIA Security+ certification (December, 2024), CompTIA CySA+ Cybersecurity Analyst certification (October 2024), Splunk Core User Certification (October 2024), Cisco Cyber Security Essentials Certificate (August 2024), NDG Linux Essentials Certificate (August 2024), Cisco Network Essentials Certificate (July 2024), NDG Linux Unhatched (April 2024), Google Cybersecurity Professional by Google on Coursera (April 2024)

## Cybersecurity Training and Projects

---

### Cybersecurity Training Program

Per Scholas | Chicago, IL

July 2024 - October 2024

- **Compliance and Assessment:** Trained in frameworks like NIST, ISO 27001, and tools like Security Content Automation Protocol (SCAP) for compliance checks.
- **Log Analysis:** Expertise in using log analyzers like Wireshark and Tcpdump to interpret system and network logs for suspicious activities.
- **Security Operations and Monitoring:** Utilize SIEM platforms, notably Splunk, to monitor security events in real time and for searching, monitoring, and analyzing machine-generated big data.
- **Networking:** In-depth understanding of network protocols, architectures, and tools, including Cisco devices, and Firewalls.
- **Software:** Google workspace, MS Office, Workspace, Wireshark, VirtualBox & Hyper-V, Cisco Packet Tracer, Nmap.
- **Scripting:** Python, Bash.
- **Splunk:** Scheduling Reports and Alerts, Visualizations, Working with Time, Statistical Processing, Leveraging Lookups and Sub searches and search optimization

### Cyber Security Essentials

Per Scholas | Chicago, IL

July 2024

- Exploring File and Data Encryption- access the encrypted contents of multiple files and transfer a file across the internet to a centralized FTP server.
- Using File and Data Integrity Checks- verify the integrity of multiple files using hashes to ensure files have not been tampered with.
- Configuring VPN Tunnel Mode between two geographic sites and sending encrypted FTP traffic.
- Server Firewalls and Router ACLs - access a user in the site and connect using HTTP and HTTPS to a remote Web Server and access the Firewall on the Email Server.

- Utilize WEP/WPA2 PSK/WPA2 RADIUS to demonstrate the varying configuration of Wi-Fi networks and their security considerations.

## **Network Essentials**

**Per Scholas** | Chicago, IL

July 2024

- Observe Data Flow in a LAN - Created simple Ethernet network using 3 hosts and a switch to observe traffic behavior on network using ARP broadcasts and pings.
- Configure DHCP on a Wireless Router- configure clients to obtain their address via DHCP.
- Examine NAT on a Wireless Router - using simulation tool in packet tracer to examine traffic that crosses the network using NAT.
- Use Telnet and SSH - establish a remote connection to a router using Telnet and SSH and verify connectivity and access a remote device.
- Configure initial router settings, configure SSH, built a switch and router network.

## **Linux Fundamentals**

**Per Scholas** | Chicago, IL

July 2024

- Implemented the initial deployment of a virtual machine and Linux operating system. Developed expertise in configuring appropriate hard disk allocations, proficiently utilizing ISO images and performing updates on the Linux operating system.
- Utilized VirtualBox to create a Windows virtual machine (VM) and seamlessly installed VirtualBox Guest Additions for enhanced functionality.

## **Employment**

---

### **Quality Analyst (consultant)**

**ATT** | Hoffman Estates, IL

April 2016 - Feb 2017

- Developed Given-When-Then scenarios for projects using BDD, Bandit Grooming, and FitNesse tools, resulting in improved test protocol accuracy and reduced defect rates.
- Tested LTE applications for ATT 4G implementations using Granite systems across various operating systems, enhancing system compatibility and reliability.
- Prepared unit test cases and documented test results, improving performance and ensuring comprehensive coverage.
- Reported and tracked defects in the Quality Center, facilitating efficient resolution and enhancing overall product quality.

## **Education**

---

### **Bachelor of Engineering (BE) degree in Electronics and Communications (ECE)**

**Andhra University** | Andhra Pradesh, India

Completed 2009