

# Shaik Afiya Tabassum

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## Summary

Certified Web Application Penetration Tester and Network Engineer with hands-on experience in supporting Palo Alto Networks security solutions and comprehensive knowledge of network infrastructure. Proven expertise in troubleshooting, configuration, and maintaining firewall systems to enhance security and network performance. Skilled in collaborating with cross-functional teams to resolve issues promptly and ensure seamless network operations. Strong foundation in network protocols, routing, and switching- combined with a passion for cybersecurity.

## Experience

### Network Engineer Intern | Iopex Technologies | May 2024 – July 2024

- Provided technical support and troubleshooting for Palo Alto Networks firewall products, assisting clients with configuration, maintenance, and problem resolution.
- Diagnosed and resolved complex network security issues related to firewall policies, VPN setups, and access controls.
- Collaborated with engineering and product teams to escalate and resolve critical issues.
- Assisted customers with software and hardware installations and upgrades for Palo Alto devices.
- Documented support cases, solutions, and best practices for internal knowledge base enhancement.
- Conducted performance monitoring and advised clients on best security practices to optimize network performance and threat prevention

## Skills

- **Programming:** Full Stack Java, JavaScript
- **Web Development:** HTML5, CSS3
- **Networking:** Palo Alto, TCP/IP, OSI Model, DHCP, Routing Protocols, Switching Routing, TLS/ SSL
- **Penetration Testing:** Web and API
- **Systems:** Windows, Linux
- **Tools & Technologies:** Git, Burp Suite, Wire Shark, Cisco Packet Tracer, GNS3
- **Frameworks:** Metasploit
- **Databases:** MySQL
- **Scripting:** Bash
- **Interpersonal Skills:** Problem Solving, Quick Learner, Teamwork and Collaboration

## Certifications

- Successfully completed Oasis Infobyte Virtual Java development internship, applying skills in Core Java, Collection Frameworks
- Certified in Power BI through Simplilearn
- Trained on Full Stack Java at Palle Technologies
- Certified Web Application Penetration Testing Xtreme at iNE Security

## Education

**B. Tech | DR.K.V. Subba Reddy College of Engineering | 2023 | CGPA: 7.66**

**Relevant Coursework:** Data Structures & Algorithms, Networks, Cloud Computing

## Academic Project

- **Online Organ Bank**

Developed and deployed a web-based application for individuals in need of organ transplants streamlining registration process and increasing ability to potential donors

Operating System: Windows XP/7 Presentation Layer: PHP, HTML5, CSS3

Database: MYSQL Software: XAMPP

## Languages

- English (fluent), Telugu (native), Hindi, Urdu(native)