Karim Ibrahim.

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Dedicated Information Security Specialist with a proven record of academic and work experience encompassing database administration, programming, system and network administration. As well as vulnerability analysis and penetration testing.

EXPERIENCE

InstanTrack, Remote. — *Operations Manager.*

Duties:

- Planned and set meetings with the Directors to discuss ongoing projects, finalized projects and future goals.
- Set meetings with firms that were capable of accomplishing the goals required at hand, and coordinated meetings for negotiations to take place.
- Acted as a liaison between government departments in need of our services. Recruited new technology oriented team members.
- Met Senior Management Objectives.

Freedom Express Airline, Nairobi, Kenya. — *Network Security Administrator.*

Duties:

- Provided technical evaluations, design and engineering support for the company.
- Monitored computer network for security threats and Implemented security procedures and programs.
- Planned and executed quarterly security monitoring and testing.
- Maintained VPNs, firewalls, web protocols and email security.
- Conducted asset evaluation and classification.
- Provided and monitored user access to network resources.
- Developed tracking documents to note system vulnerabilities.
- Maintained switches and servers.

Konvergenz Network Solutions, Nairobi, Kenya — *Network Administrator.*

Duties:

- Configured and tested network and each workstation.
- Monitored and maintained the system at all times to ensure zero outages.
- Performed diagnostics and advanced system troubleshooting.
- Analyzed network for potential security threats.
- Generated real-time documentation detailing network performances.
- Designed and implemented IT LAN/WAN elements.

SKILLS

Penetration Testing
Red Teaming
Nessus
Wireshark
Metasploit
Nmap, Zenmap
Programming (C, Java, Python)
Zed Attack Proxy
Network Administration
Shell Scripting
Linux Administration

CERTIFICATIONS

Cisco Certified Network Associate (CCNA)

Cisco Certified Network Professional (CCNP - Enterprise)

Network Security Expert (NSE) Fortinet 1-4

Trend Micro Deep Security 10 for Administrators

Avaya IP Office

LANGUAGES

English, Swahili, Arabic.

- Developed data encryption methods and programs.
- Ensured upkeep of Windows Active Directory.

Noble Hacks, Remote — *Penetration Tester, CyberSecurity.*

Duties:

- Helped identify vulnerabilities and weaknesses in the systems/network.
- Performed regular network and system administration.
- Conducted regular security tests, such as mapping the network to pinpoint unnecessary open ports.
- Performed regular patching when necessary after vulnerability assessments.
- Wrote penetration test reports, as well as broadened my skills by incorporating faster and new OSINT tools to accomplish the same tasks quickly.
- Collaborated with SOC Analysts to identify and patch up server and application vulnerabilities.

Frontier Optical, Nairobi, Kenya — *Database Administrator.*

Duties:

- Worked with a team of database engineers that designed a company wide database driven website.
- Collaborated with team members in managing information technology projects.
- Designed and implemented web applications with JavaScript/HTML5/CSS
- Tested and ensured performance, security, and availability of databases.

EDUCATION

University of Wisconsin, Madison - Liberal Arts Degree (Unfinished)

Umma University, Kajiado, Kenya - Bachelor of Science, Computer Science