

# Joshua Maina

## Information Security Analyst | IT Practitioner

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### Professional Summary

I am an IT graduate with a deep passion for cybersecurity, dedicated to protecting systems and data in an increasingly digital world. With a strong academic foundation and practical experience in networking, system security, and ethical hacking, I aim to contribute to a forward-thinking organization. Actively seeking opportunities to join a dynamic team where I can apply my skills to strengthen cybersecurity measures and drive innovation in digital defense.

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### EDUCATION

**Bachelor of Science in Information Technology | 2020-2024**

KCA University

- *Second Class Upper Division*

**High School Graduate | 2017-2019**

Consolata High School

- *Graduated with a Mean Grade of B-*

### PROFESSIONAL EXPERIENCE

**Information Security Analyst | November 2024-Present**

Foresight Tech Group

- Trained in SSH configurations & Hardening on Virtual Private Servers and Networks using CIS Benchmarks
- Gained hands-on experience with host-based firewalls.
- Applied security best practices: disabling unnecessary services, configuring firewalls, securing web servers.
- Conducted system audits and vulnerability assessments using IDS software and platforms.
- Configuring and Deploying SIEM Agents on platforms such as Rapid7 and Wazuh for monitoring logs and alerts

**IT Help Desk Intern | May 2024 - November 2024**

Foresight Tech Group

- Assisted in troubleshooting and resolving hardware and software issues for employees.
- Provided remote and on-site support for IT-related issues, ensuring minimal downtime for users.
- Supported the IT team in monitoring systems for performance and security, ensuring all systems were up-to-date with patches and updates.
- Collaborated with cross-functional teams to ensure seamless IT operations and improve user satisfaction.
- Created, managed, and troubleshooted user accounts, including password resets, login issues, and permissions.
- Assisted with creating, tracking, and resolving support tickets using help desk software such as JIRA, escalating unresolved issues to senior staff.

**Research Assistant and Data Collector | October 2022 - May 2023**

Partnership For Economic Policy (PEP)

- Coordinated data collection activities, including method design, sourcing information, and maintaining data accuracy.
  - Applied effective communication skills during interviews to ensure accurate data collection.
  - Adapted swiftly to evolving project needs, showcasing flexibility and resilience in dynamic research settings.
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## CERTIFICATIONS

- EC-Council Certified Cybersecurity Technician (C | CT)
- Cisco Network CyberOps Associate
- Rapid7 CTSA IDR
- Rapid7 CTSA IVM

## SKILLS

### *Security Skills*

- Vulnerability Research and Assessment: Data Collection: Using advanced search techniques.
- Vulnerability Analysis: Researching CWEs and Crawlings to Discover Secrets.
- Web Pen Testing using tools such as BurpSuite to identify vulnerable endpoints and reduce web attack surfaces
- System Hardening: Ensuring web servers are configured so as to avoid attack events from occurring.
- Information Gathering: Using tools such as nmap and katana to discover information regarding assets.
- Malware Analysis and Detection
- Setting Up Security Awareness Training Exercises for employees using platforms such as KnowBe4 to Increase Awareness

### *Developer Skills*

- Languages: HTML, CSS, Python, JavaScript
- Web Development: HTML, CSS, JavaScript, Git, AI integration
- Database: Google Firebase (backend, cloud, authentication), Microsoft Access (tables, queries, reports), SQL
- OS: Windows (admin tasks), Linux (Ubuntu, CentOS, CLI)

### *Soft Skills*

- Analytical and problem-solving with a strong ability to identify issues and implement solutions
- Attention to detail with a focus on maintaining accuracy in all tasks
- Knowledge of modern networking technologies and secure network architectures
- Effective communication skills, capable of explaining complex concepts clearly and confidently
- Proactive learner, eager to adopt new technologies and stay up-to-date

## PROJECTS

- AI-Powered Car Ecommerce Web App: Built with HTML, CSS, JavaScript, and Google Firebase for backend management.
- Nmap-Python Network Scanner: Automated Nmap commands using Python on Kali Linux.
- Python Password Cracker: Decrypted passwords using encryption methods.
- Python File Encrypter: Secured files using cryptographic algorithms.
- Pen Test Lab Setup: Configured Kali Linux and Metasploitable for penetration testing training.
- Phishing Link Scanner: Developed a Python tool to detect fake websites.
- Portfolio Website: Showcased skills using HTML and JavaScript.

GitHub: [github.com/joshmainaa7](https://github.com/joshmainaa7)

## HOBBIES

- Playing Soccer.
- Bug bounty hunting: Attempting ethical hacking on live websites during my free time to upskill.
- Reading Thriller Novels
- Traveling and Hiking
- Gym
- Volunteering Activities

## REFERENCES

Mrs.Jacqueline Mumbi Gitau  
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