

# Alex Kyalo

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## SUMMARY

A dynamic cyber security professional with keen interest in Web Application Security. I'm also a DevSecOps Engineer orchestrating the Cloud since August 2020 & an aspiring Bug Bounty Hunter.

## PERSONAL INFORMATION

Date of birth	21-08-1996
Marital status	Single
Gender	Male
Religion	Christian
Height	1.76m
Weight	65.0kg

## SKILLS

### Technical Skills

- **Cyber Security:** Web Application Penetration Testing, Threat Intelligence, Operating System & Network Security Monitoring & Log Management
- **Programming:** Python, Golang, JavaScript, NodeJS
- **Scripting:** Linux Shell, Powershell
- **Markup:** HTML, CSS,  $\text{\LaTeX}$ , XML, JSON
- **DevOps/CI/CD Pipeline:** Jenkins, Selenium
- **Containerization:** Vagrant, Docker, Kubernetes
- **Configuration Management:** Ansible, Cloudformation
- **Cloud Platforms:** IBM Cloud, AWS
- **Version Control:** Git

### General Skills

- **Interpersonal:** Team Player, Empathetic, Considerate
- **Personal:** Organizational, Analytical
- **Languages:** English, Swahili, Akamba

## EDUCATION

- **Bsc. Computer Security & Forensics** [Jan 2015 – Dec 2018]  
*Jaramogi Oginga Odinga University of Science & Technology*  
*Second Class Honors (Upper Division)*
  - Web Application Technologies
  - TCP/IP Network Administration
  - Computer & Network Security
  - Ethical Hacking & PenTesting

- Protocols & Systems for Internet & Web Security
- HPC Cluster & Cloud Computing

○ **KCSE Certificate**

[Feb 2010 – Nov 2013]

*Kenyatta High School Mwatate, T/Taveta County*

*Aggregate: 78.9% (A-)*

## WORK EXPERIENCE

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○ **IT System Administrator**

*Digital Supply Chain Platform Limited (P. O Box 17592 – 00500 Nairobi)*

[April 2021 – Present]

**Responsibilities**

- Client Training Schedule & Training Report Generation
- Client User Training & System Onboarding
- Client User Manuals & Video Tutorial Creation
- Mobile Device Bandwidth Management & Application Installation
- Client User Issue & System Requirements Capturing
- Issue Log tracking
- Manual System Regression Testing
- System Performance and Usage monitoring

○ **IT Support Engineer**

*Multiple Solutions Limited (P. O Box 2374 – 80100 Mombasa)*

[April 2019 – April 2021]

**Responsibilities**

- Manage Engine Help Desk & Service Calls System Administration
- Computer Hardware & Software Inventory Management
- LAN & WiFi Network Administration
- Printer Management
- Active Directory Administration
- E-Scan Enterprise Antivirus Administration
- Email System Administration & Outlook Configuration
- Alcatel Lucent ePBX System Administration
- Backup Systems Synology, NTBackup & Google Drive Monitoring and Administration

## PROJECTS

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○ **Tech finder**

[Ongoing]

**Description:** A tool I'm developing using Golang to enumerate & fingerprint web technologies at an endpoint.

○ **CIDR-Finder**

[Sept 2020]

**Description:** A bash script to retrieve IP Address ranges of a target during security engagements.

○ **O.S Utils**

[Continuous]

**Description:** A curated list of shell scripts and configuration files i use to customize a new Linux workstation for my everyday usage. It's a progressive undertaking to automate installions and configurations of my Linux boxes.

○ **VM-Creator**

[August 2020]

**Description:** A bash script that's a wrapper around VirtualBox's VBoxManage command line tools. It automates VM creation and O.S installation process.

○ **Computer-Inform**

[May 2019]

**Description:** A powershell script based on WMI used to retrieve Computer information in an Active Directory Enviroment.

## COURSES

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|--|------------|
| 1. Introduction to Cyber Security – Cisco course | [Ongoing]  |
| 2. OWASP Top 10 2017: Exploit and Mitigation .   | [Dec 2020] |
| 3. Operating Kubernetes on IBM Cloud             | [Nov 2020] |
| 4. Intro to Python                               | [Mar 2018] |

## INTERESTS AND EXTRA-CURRICULAR ACTIVITY

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DevSecOps, Web Applications Security, Bug Bounty Hunting, CTFs, Linux, Photography, Videography, Wildlife, Investigative Films, Cooking

## REFEREES

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Available upon request.