

Victor Macharia

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Summary

Passionate and purpose-driven, my focus has always revolved around closing digital gaps in the community. My background in chemistry has provided me with a strong foundation in analytical thinking and problem-solving, while my four years of immersion in the field of IT have equipped me with the technical skills necessary to excel in various IT domains. I am excited to apply this unique combination of knowledge and experience to contribute to innovative solutions and advancements in the tech industry. My passion primarily lies in web security, and on a typical weekend, I'm either in a CTF event with this [team](#) or working on a box release from [HackTheBox](#).

Skills

- Modern web development with React, TypeScript and Next.js
- Networking and system administration
- Operating systems, containers and virtualization
- Cloud operations and services on AWS and Azure
- Confident in Java, Python and Rust (learning)
- Automation, DevOps and Scripting (with PowerShell and Bash)
- Exposure to Assembly, C++, Objective-C, Perl, PHP
- Communication and reporting
- Vulnerability scanning and assessment

Past Experience

Part-time Web Developer at Hostfiti Ltd

Dec 2019 – Current

- Building websites using *HTML*, *PHP*, *JavaScript* and *CSS*
- Preparing website designs and proposals and presenting them to prospective clients
- Spearheaded the development of the *WP Email Manager Plugin* that earned more than 50 subscriptions within the first three months after its launch
- Developed a WordPress theme from a bootstrap template and added more customizations

Freelance Developer at Upwork [\[↗\]](#)

Nov 2021 – Current

Certifications and Badges

- Microsoft Certified AZ 900
- AWS Certified Cloud Practitioner
- Hackerrank Java Gold Badge [\[↗\]](#)
- More certs [\[↗\]](#)

Education

- ALX-T Cloud Developer Nanodegree – Udacity, 11/2022
- Introduction to Cybersecurity Bootcamp – Trend Micro, 07/2022
- AWS re/Start Program – AWS, 12/2021
- BS Industrial Chemistry – JKUAT, 06/2019