MURIITHI DENNIS

Full stack Web developer

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GitHub | Linkedin | HackerRank

EDUCATION

Karatina University   Nyeri, Kenya
Information Technology Bachelors Degree   Agust 2021 - November 2025

ALX, Africa   Online
Software Engineering Certification   September, 2023 - September 2020

EXPERIENCE

onix-market.com | Penetration Tester   Kenya | 2023 - Present

Conducting Security Assessments: Perform comprehensive penetration tests on various IT assets, including networks, web applications, mobile applications, and infrastructure, to identify security vulnerabilities.

Vulnerability Analysis: Analyze and interpret the results of penetration tests, security scans, and assessments to provide detailed reports outlining identified vulnerabilities and recommended remediation strategies.

Simulated Attacks: Plan and execute controlled simulated cyber-attacks to mimic real-world threats and assess the organization's ability to detect and respond to security incidents.

Security Research: Stay informed about the latest security threats, vulnerabilities, and attack techniques to continuously improve testing methodologies and stay ahead of emerging cyber threats.

Collaboration with Stakeholders: Work closely with cross-functional teams, including IT, development, and operations teams, to communicate findings, recommend security improvements, and assist in implementing effective security measures.

Documentation: Create detailed and clear reports documenting the findings, risks, and recommended mitigations from penetration testing activities.

Compliance and Standards: Ensure that security testing activities align with industry standards, regulatory requirements, and best practices.

key libraries | Web developer   Kenya | 2022 - Present

Full Stack Development: Engage in end-to-end development of web applications, including both front-end and back-end components, using the MERN stack.

Database Management: Design and implement MongoDB databases, ensuring efficient data storage, retrieval, and manipulation.

Server-side Development: Develop server-side logic using Node.js and Express.js to handle API requests and integrate with databases.

Client-side Development: Create interactive and responsive user interfaces using React.js, ensuring a seamless and engaging user experience.

API Development: Design and implement RESTful APIs to facilitate communication between the front-end and back-end components.

Code Optimization: Optimize application performance by identifying and resolving bottlenecks, improving code efficiency, and implementing best practices.

Collaboration: Work closely with UI/UX designers, product managers, and other stakeholders to understand project requirements and deliver solutions that align with business goals.

Testing and Debugging: Conduct thorough testing of applications, identify and fix bugs, and ensure the reliability and stability of the software.

Version Control: Utilize version control systems, such as Git, to manage and track changes in the codebase.

SKILLS

Programming Languages:	Javascript, Python, C, C++, HTML
Libraries/Frameworks:	Django, React, Express, Nodejs, Tailwind CSS
Tools / Platforms:	Arch LInux, Vscode, vim, Postman, Burpsuite, Wireshark, NIkto, Metasploit, Caidoio, Gophish

Projects / Open-Source

threads-clone | Link   *JavaScript, CSS, HTML*

Key-logger | Link   *C++*

    Keylogger is 100% invisible keylogger not only for users, but also undetectable by antivirus software. Blackcat keylogger Monitors all keystokes, Mouse clicks. It has a seperate process which continues capture system screenshot and send to ftp server in given time.

ghidra | Link *Java, C++, HTML, C, Python, Shell, Yacc, Xtend, GAP, Assembly, TeX, Go, Hack, Batchfile, Objective-C, Lex, CSS, Makefile, XSLT, GDB, JavaScript, Haskell, Lua, Pawn*

    Ghidra is a software reverse engineering (SRE) framework