

DANCAN DOMINIC

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About

Computer Science undergraduate at Chuka University specializing in Cybersecurity, with focus on offensive security automation and red team tooling. I develop custom frameworks that streamline reconnaissance, vulnerability assessment, and post-exploitation workflows.

My interests sit at the intersection of red teaming, Linux internals, scripting, and modern deployment pipelines. I value clean logic, reproducible processes, and security decisions backed by evidence, not vibes.

Skills

Cybersecurity & Systems

- Penetration testing, vulnerability assessment, threat modeling, Linux system administration, networking fundamentals, Kali Linux security tooling, reconnaissance automation, and technical report writing.

Programming & Scripting

- Bash scripting, Python, JavaScript, C/C++, HTML5, CSS3, PHP, SQL. Automation of security workflows, custom tool development, and building frameworks for operational efficiency.

Education

Chuka University, Kenya – BSc Computer Science | AUGUST 2023 – PRESENT

- Focus areas include programming, data structures, networking, operating systems, and cybersecurity with emphasis on red teaming and penetration testing automation.

Kisasi High School, Kenya – KCSE | JAN 2019 – DEC 2022

- Completed secondary education with strong foundation in mathematics, sciences, and problem-solving, supporting further studies in computer science and cybersecurity.

Languages & Tools

Bash | Python | JavaScript | C/C++ | HTML | CSS | PHP | SQL | Git | GitHub | Kali Linux | Metasploit | Nmap | Burp Suite | Wireshark | Railway | SQLMap | Hydra | Linux Administration | CLI Proficiency | Vercel Deployment | VS Code | Virtualization | Parrot OS | TTY

Featured Projects

Leviathan | JAN 2025

- A fully automated penetration testing and red teaming suite built with Python/PyQt6. Orchestrates 100+ security tools following PTES methodology across 13 phases from reconnaissance to post-exploitation.

Omnisec | JAN 2025

- A comprehensive defensive security platform integrating 80+ tools into a unified GUI. Follows NIST Cybersecurity Framework for SOC operations, incident response, and system hardening.