



5 Courses

**Introduction to Ethical  
Hacking Principles**

**Ethical Hacking with Kali  
Linux**

**Exploitation and  
Penetration Testing with  
Metasploit**

**Network Traffic Analysis  
with Wireshark**

**Incident Response and  
Defense with OpenVAS**



**SkillUp**

Aug 26, 2025

**Darrin Jackson**

has successfully completed the online, non-credit Professional Certificate

# IBM Ethical Hacking with Open Source Tools

Holders of this Professional Certificate are conversant with ethical hacking methodologies and industry-standard open-source tools, such as Kali Linux, Wireshark, Metasploit, and OpenVAS. Through hands-on labs and practical projects, they have effectively practiced applying these tools in penetration testing, network analysis, and vulnerability assessment. These professionals understand the ethical and legal frameworks governing cybersecurity practices and can effectively identify security vulnerabilities while adhering to responsible disclosure procedures. They are equipped to perform network traffic analysis, execute controlled exploits, and implement incident response strategies.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

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