

# THE ETHICAL HACKING CAREER ROADMAP FOR JAPA-BOUND NIGERIANS

**Your step-by-step guide to building  
a cybersecurity career that earns  
in dollars, pounds and euros.**



FREE CAREER ROADMAP

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*Your step-by-step guide to building a cybersecurity career that earns in dollars, pounds and euros*

**From a N29,000 investment to a \$127,000 per year career abroad**

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# SECTION 1: THE OPPORTUNITY NO ONE IS TALKING ABOUT

You are planning to Japa. You have researched the countries, the visas, the cost of living. But here is the question most people do not answer until they have already landed:

*"What skill are you bringing with you?"*

While everyone is scrambling for generic jobs abroad, a massive, documented talent crisis is playing out in one of the world's highest-paying fields — and almost nobody from Nigeria is positioned to take advantage of it.

## The Global Cybersecurity Talent Crisis

- >> 3.5 million unfilled cybersecurity jobs globally right now — documented by Microsoft and the World Economic Forum
- >> Germany alone needs 106,000 cybersecurity professionals by 2026
- >> The U.S. Bureau of Labor Statistics projects 33% job growth in cybersecurity — faster than almost any other profession
- >> The cybersecurity market is growing by \$269.8 billion between 2025 and 2029
- >> Ethical hacking ranks as the 2nd fastest growing skill globally, behind only Artificial Intelligence

## What Ethical Hackers Earn Abroad

| Country        | Salary Range                | Notes                               |
|----------------|-----------------------------|-------------------------------------|
| United States  | \$97,000 – \$167,000 / year | Tech hubs pay up to \$150,000+      |
| Canada         | CAD 85,000 – 130,000 / year | Strong demand in Toronto and Ottawa |
| United Kingdom | GBP 55,000 – 95,000 / year  | London market very active           |
| Germany        | EUR 65,000 – 105,000 / year | Critical shortage, visa-friendly    |
| Global Average | \$105,000 / year            | Entry level starts at \$65,000      |

### KEY INSIGHT

The countries you are moving to are not just open to hiring ethical hackers. They are desperate for them. This is the window — and it is open right now.

## SECTION 2: WHAT IS ETHICAL HACKING — IN PLAIN LANGUAGE

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Forget everything you think you know from movies. Ethical hacking is not a person in a hoodie typing frantically in a dark room. Let me explain what it actually is.

**A company — a bank, hospital, government agency, or tech startup — hires you and says:**

*"Try to break into our systems. Find every weakness before the real criminals do."*

You do it legally. On purpose. You write a detailed report. They fix the holes. They pay you very well.

That is the job. That is ethical hacking.

### The Core Areas You Will Work In

- >> **Reconnaissance** — Gathering information about a target before testing begins
- >> **Network Scanning** — Mapping out systems, open ports, and vulnerabilities
- >> **System Exploitation** — Legally attempting to gain access to a system to find weaknesses
- >> **Web Application Testing** — Finding security holes in websites and online platforms
- >> **Social Engineering** — Testing how vulnerable an organisation is to human-based attacks
- >> **Reporting** — Documenting findings and recommending fixes in professional reports

### Why This Is Perfect for Your Japa Journey

- >> **No foreign degree required** — Certifications and skills carry more weight than your university name
- >> **Globally portable** — The same skills work in any country you relocate to
- >> **Visa-sponsorship friendly** — Many companies abroad actively sponsor skilled cybersecurity professionals
- >> **Remote-work compatible** — You can freelance internationally even before you physically relocate
- >> **Low competition from Nigeria** — Most Nigerians do not know this path exists. That is your advantage

#### ONE IMPORTANT TRUTH

You do not need to have been 'techy' growing up.

You do not need a Computer Science degree.

You need consistency and a reason strong enough to push through.

The Japa dream is that reason.

## SECTION 3: THE TOOLS OF THE TRADE

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Professional ethical hackers use a specific set of tools. These are not secret — they are industry standard, taught globally, and expected in job interviews. Here is what you need to know about each one:

| Tool                   | What It Does   |
|------------------------|--|
| <b>Python</b>          | The foundation language. Used to build custom hacking tools, automate attacks, and write scripts. The easiest programming language to learn — reads almost like plain English. |
| <b>Kali Linux</b>      | The operating system of ethical hackers. Comes pre-loaded with hundreds of security tools. Every professional penetration tester uses it daily.                                |
| <b>Metasploit</b>      | The world's most used penetration testing framework. Used to test, find, and exploit vulnerabilities in systems in a controlled and legal environment.                         |
| <b>Nmap</b>            | Network mapping tool. Scans networks to discover hosts, open ports, and running services. One of the first tools any ethical hacker learns.                                    |
| <b>Wireshark</b>       | Network traffic analyser. Captures and examines data packets moving across a network. Essential for understanding how data flows and where it can be intercepted.              |
| <b>Burp Suite</b>      | The go-to tool for web application security testing. Used to find vulnerabilities in websites — SQL injection, cross-site scripting, authentication flaws, and more.           |
| <b>John the Ripper</b> | Password auditing tool. Tests the strength of passwords and encryption. Used to show clients how easily weak passwords can be compromised.                                     |

### HOW THE TOOLS CONNECT

You will learn Python first — it teaches you HOW attacks work from the ground up. Then you will move to Kali Linux — where you USE professional tools to execute real attacks in safe lab environments. One course feeds perfectly into the next.

## SECTION 4: YOUR STEP-BY-STEP CAREER PATH

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This is the heart of this roadmap. Below is the exact journey — from complete beginner to certified, job-ready ethical hacker. Each step builds on the last. Nothing is skipped. Nothing is wasted.



### How Long Does This Journey Take?

- >> **Step 1 — Python Foundation:** 8 to 12 weeks at 1 hour per day
- >> **Step 2 — Kali Linux Practical:** 10 to 14 weeks at 1 hour per day
- >> **Step 3 — CEH Exam Prep:** 12 to 16 weeks of focused study
- >> **Total journey:** Approximately 9 to 12 months — perfectly timed for most Japa timelines

#### THE 1-HOUR-A-DAY RULE

You do not need to quit your job or dedicate your entire life to this.

One focused hour per day, five days a week, is enough to complete this full journey before your visa is ready. By the time you land abroad, you could be certified.

## SECTION 5: THE CERTIFICATIONS THAT GET YOU HIRED

In cybersecurity, certifications are your credentials. They are the language employers abroad speak. Unlike a Nigerian university degree — which may get questioned by foreign employers — a globally recognized certification speaks for itself in any country.

### CEH — Certified Ethical Hacker (Your Primary Target)

**Issued by: EC-Council**

Recognized in: United States, United Kingdom, Canada, Germany, Australia, and more

Exam format: 125 multiple-choice questions

Approximate pass mark: 70 percent

Cost to sit the exam: Approximately \$500 USD — you want to pass it on the first attempt

CEH is the most recognizable ethical hacking certification in the world. When a hiring manager in Canada or the UK sees CEH on your CV, they know exactly what it means. It covers 20 domains of ethical hacking knowledge and is trusted by governments, banks, and defence organizations globally.

### CompTIA Security+ (The Gateway Certification)

If CEH is the destination, Security+ is often the first milestone. It is the most widely held entry-level cybersecurity certification globally and is approved by the U.S. Department of Defence — meaning government contractors require it. Many professionals earn Security+ before progressing to CEH.

### OSCP — Offensive Security Certified Professional (The Elite Level)

OSCP is considered the gold standard for penetration testers worldwide. Unlike CEH which is multiple-choice, OSCP is a 24-hour live hacking exam — you are given real machines to compromise and must document every step. It commands the highest salary premium in the field and is the long-term goal once you hold CEH.

| Certification     | Level        | Exam Cost           | Salary Impact          |
|-------------------|--------------|---------------------|------------------------|
| CompTIA Security+ | Beginner     | Approx. \$380 USD   | 10% salary boost       |
| CEH               | Intermediate | Approx. \$500 USD   | 15% salary boost       |
| OSCP              | Advanced     | Approx. \$1,499 USD | 25 to 30% salary boost |

**IMPORTANT NOTE ON CERTIFICATIONS**

You do not need to pay any organization for permission to learn ethical hacking.

Our courses prepare you fully for these exams. You only pay the exam body when you are ready to sit and pass — which is after your preparation is complete.

## SECTION 6: YOUR NEXT STEP — START TODAY

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You have seen the opportunity. You understand the field. You know the tools, the certifications, and the path. Now there is only one question left:

*"Will you be the one who read this and thought: interesting — or the one who read this and did something about it?"*

The career path is mapped. The courses are built. The only thing missing is your decision.

### Start With Step 1 — The Foundation Course

#### **Python Ethical Hacking: Developing Offensive Security Expertise**

*Your foundation course. Build real hacking tools with Python from scratch.*

**N29,000 | Beginner-Friendly | Self-Paced | Lifetime Access**

**Enrol now: <https://softerboom.com/courses/python-ethical-hacking/>**

### What You Get When You Enrol

- >> Full Python ethical hacking curriculum — from zero to building real hacking tools
- >> Hands-on projects you can add to your portfolio immediately
- >> A foundation that feeds directly into the Kali Linux practical course
- >> Lifetime access — learn at your own pace, on your own schedule
- >> Direct support — ask questions and get answers throughout the course

#### **THE RUNWAY YOU HAVE RIGHT NOW**

You are probably 6 to 18 months away from relocating. That is your runway.

One hour a day is all it takes. By the time your visa is ready, you could be certified and job-ready. The clock is ticking either way — make it count.

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*Have questions? Reach out directly before you enroll.*

*This roadmap was created to give you clarity — completely free of charge.*

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