P E T E R C H A R L E S HABAKKUK

Software Engineer | Cybersecurity Practitioner | Technology Educator

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SUMMARY

Software engineer, cybersecurity practitioner, and technology educator with years of building web applications, applying secure development practices, and teaching practical software engineering and cybersecurity. Have taught and mentored 200+ learners across diverse educational backgrounds, simplifying complex technical concepts through practical, project-based learning.
Currently developing CyberClaw AI, an AI-assisted cybersecurity assessment platform, and NairaWatch AI, an AI-driven project addressing Nigerian challenges. Passionate about strengthening digital security through secure software development, responsible AI, and practical technology education.

IMPACT HIGHLIGHTS

- 200+ learners taught and mentored through practical software engineering, Python, web development and cybersecurity learning.
- CyberClaw AI: developing an AI-assisted platform for security assessment, vulnerability scanning, risk assessment and security reporting.
- Built and delivered production-oriented Django applications including learning, business, real-estate and education platforms.
- Recognised by GMT Software Solutions management for high-quality delivery, professionalism, initiative, dependability and positive team impact.
- Completed structured cybersecurity development through 3MTT and Cisco Networking Academy, alongside practical security labs and awareness work.

PROFESSIONAL EXPERIENCE

Freelance Python & Django Developer | Self-Employed | Abuja, Nigeria
Post-graduation experience: 2022 – Present

Key Responsibilities & Achievements

- Design and develop custom web applications, business systems and client-focused digital solutions using Python, Django and modern web technologies.
- Build learning management systems, real-estate platforms, lodge-booking systems and business automation solutions.
- Develop REST APIs, authentication and role-based access control, database-backed applications and third-party integrations.
- Integrate payment services including Paystack and Stripe and apply secure coding practices to protect applications and user data.
- Work directly with clients to understand requirements, translate problems into software solutions, test applications and provide technical support.

Cybersecurity Facilitator / Software Development Instructor | GMT Software Solutions | Abuja, Nigeria
January 2026 – Present

Key Responsibilities & Achievements

- Facilitate cybersecurity learning sessions for students transitioning into cybersecurity from different educational and technical backgrounds.
- Simplify cybersecurity concepts through structured lessons, practical demonstrations, and guided exercises.
- Develop learning activities covering cybersecurity fundamentals, ethical hacking, web application security, and security awareness.
- Guide learners in understanding common cyber threats, attack techniques, defensive measures, and responsible security practices.
- Support students through practical learning activities and project-based exercises.
- Encourage critical thinking, problem-solving, and responsible cybersecurity practices.

Software Development Facilitator | Previous role

- Delivered practical software-development training and mentor learners in modern web technologies and industry practices.
- Taught HTML, CSS, JavaScript, Python, Django, React, Next.js and Vue.js through hands-on projects.
- Guided learners on software architecture, APIs, databases, deployment, debugging and portfolio development.
- Translated complex technical concepts into simple explanations and practical exercises for learners with different educational backgrounds.
- Supported learners in developing real-world applications and building confidence in problem-solving.

Full-Stack Developer (Contract) – Educational Platform | Client Project | Nigeria
April 2026 – May 2026

Key Responsibilities & Achievements

- Enhanced an education platform with secure payment processing, transaction management and automated student verification.
- Integrated Paystack with a custom multi-party revenue-sharing workflow and developed financial administration tools.
- Built student self-service functionality, automated student ID generation and QR-based identification/verification.
- Worked directly with stakeholders to translate operational requirements into usable software features.

LEADERSHIP, EDUCATION & COMMUNITY IMPACT

- Technology Mentor and Educator: taught and mentored 200+ learners, with a project-based approach that connects theory to practical software development.
- Cybersecurity Awareness Educator: create accessible educational content on phishing, social engineering, ransomware, malware risks and safer digital practices.
- Independent Technology Builder: use software projects to explore practical Nigerian problems and demonstrate how technology can improve access, security and efficiency.
- Emerging Cohort Initiative: planning a large practical cybersecurity and software-engineering training cohort in Nigeria, with measurable participation and learning outcomes to be documented after delivery.

SELECTED PROJECTS

CyberClaw AI – AI-Assisted Cybersecurity & Vulnerability Assessment Platform | Founder / Lead Developer | Nigeria

Current

- Developing a platform intended to make security assessment easier to access and understand for developers, SMEs, educational institutions and enterprises.
- Building workflows around vulnerability scanning, risk assessment, security reporting and security-awareness use cases.
- Applying Django/DRF, PostgreSQL, Redis/Celery, Docker, frontend technologies and security-testing integrations in an evolving product architecture.

Naira Watch AI | Founder / Developer | Nigeria

Current

- Developing an AI-focused project aimed at applying accessible machine-learning technology to a practical Nigerian problem.
- Using the project to deepen experience in responsible AI, computer vision/AI workflows and locally relevant technology problem-solving.

Learning Management System / Education Platforms | Software Engineer | Nigeria

Selected client and portfolio work

- Built Django-based education platforms with authentication, student management, payments and administrative functionality.

CYBERSECURITY PRACTICAL EXPERIENCE

- Ransomware Analysis Lab – studied ransomware behaviour and attack patterns to understand defensive strategies.
- Controlled RAT Simulation – conducted authorised simulations to study remote-access risks and defensive detection concepts.
- Social Engineering Awareness Research – developed educational material on phishing, manipulation and safer user behaviour.
- Secure Software Development – applied authentication, authorisation, input validation, API security and secure coding practices in web applications.

CYBERSECURITY & PROFESSIONAL DEVELOPMENT

- 3MTT Programme – Cybersecurity & AI Security Analysis; six-month structured training with Uniccon Group, Abuja March - August 2026
- Cisco Networking Academy – Cybersecurity Fundamentals, Network Security and Threat Detection 2025
- Secure Software Development training - GMTsoftware 2024
- Digital Training Academy – Cybersecurity September - Present 2026
- Ethical Hacking & Cybersecurity; Artificial Intelligence in Cybersecurity; Digital Transformation Technologies.

TECHNICAL SKILLS

- Cybersecurity: Cybersecurity awareness, ethical hacking fundamentals, OWASP Top 10, web application security, social engineering awareness, vulnerability assessment concepts.
- Programming: Python, JavaScript, HTML, CSS.
- Frameworks: Django, Django REST Framework, FastAPI, Bootstrap, Tailwind CSS.
- Tools: Git, GitHub, VS Code, Linux, Kali Linux, Docker.
- Other Skills: Technical instruction, curriculum structuring, documentation, presentation development, learner assessment, mentoring.

EDUCATION

Lagos State University, Ojo, Lagos **February 2018 – July 2022**
Bachelor of Science (B.Sc.) in Microbiology
Second Class Upper Division

CORE STRENGTHS

- Problem solving and analytical thinking
- Teaching, mentoring and knowledge transfer
- Independent learning and adaptability
- Secure software development mindset
- Stakeholder communication and requirements gathering
- Building practical technology for real-world problems

REFERENCES

Professional references and recommendation letters available on request. Selected learner testimonials are available through the portfolio/testimonials page.