Kodjo Boaz AGNIGBAGNO
Penetration Tester – Django Developer

With 3 years and over of experience in the digital field as a web application developer, I am a self-motivated, team player with strong interpersonal and communication skills. I'm in cyber security field as penetration tester. Always looking for new skills and professional evolution, I have a sharp sense of organization and planning. I have also experience in training, mentoring and team management. Comfortable with public speaking, I give training sessions and also make presentations.

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📍 Lomé, Togo

EXPERIENCE

January 2 2023 to March 3 2023 (Remote – Los Angeles, California)

Virtually Testing Foundation
CyberSecurity Administrator

- MITRE: Research on threat hunting and detection.
- Vulnerability management: Research on how threat hunting can help protecting IT infrastructures, tools for vulnerability management, process and lifecycle.
- SIEM/Log Management: Work on presentation on what is SIEM, how they are important, how to do log management and how configure rules on it.
- OSINT: Conducted research on different tools and technics used in OSINT, his importance and how to use it to find vulnerabilities and protect an IT infrastructure.
- Container Security: Work on presentation about what container is, how to secure it, and how to hack container.
- Cryptography: Research and analysis on different cryptography technics, their weaknesses and how to use it in data protection.
- Cloud Security: Research on how does it work, what it protects, risks, vulnerabilities and how to protect a cloud environment by using best practices.
- OWASP Top 10: Work on how to use it during the development phase to avoid vulnerabilities and when testing the security of web sites and applications or doing penetration testing on them.
- Active Directory: Presentation on the importance of active directory, research and practical work on how to configure an active directory environment. Work on common and common vulnerabilities and how to protect an active directory system.

September 5 2022 to December 3 2022 (Remote – Manchester, United Kingdom)

CyBlack
CyberSecurity Analyst

- Threat Intelligence (Information gathering from a security perspective: research on various threats facing organization and developed reports on finding and recommendations for mitigation strategies).
- Cloud Security using Microsoft Azure: Work on Identity and Access management with Azure Active Directory, implemented and maintained security control for cloud infrastructure using Azure security tools and best practice, data Loss Prevention and Microsoft Complaince with Microsoft Purview and Directory Synchonisation with Azure Active Directory.
- Human Factor in Cyber Security: Conducted research and analysis on the role of human behaviour in cyber security and developed traning materials for employees on security best practices.
- GRC/Security Auditing: Participated in governance, risk and compliance (GRC) activities including security audit and risk assesments using the ISO 27000 standards and making recommendations.
- Phishing mails, Windows Security Event log and SSH service log analysis.
- Incident Response: Assisted in the investigation and response to security incidents including gathering and analysing evidence and recommending remediation measures.
- Ethical Hacking/Penetration Testing: Conducted simulated attacks on systems and networks to identify vulnerabilities (Vulnerabilities scanning), exploit (Web application exploitation and Services exploitation) them and developed recommendations for improvement.

COMPUTER SCIENCE

Programming:
Django, Python3, Bash, JavaScript, HTML, CSS, SQL, Git, Wagtail, Postman.

Tools:
VS Code, Nmap, Zenmap, Nikto, BurpSuite, Metasploit, WireShark, Sqlmap, Gophish, John The Ripper, Hydra, SonarQube, Wazuh, Wappalyzer, Manage Engine Vulnerabilities Manager Plus.

OS:
Windows, Linux, MacOS

LANGUAGES

French : Advanced

English : Intermediate

SKILLS

- Team collaboration
- Autonomy & creativity
- Report & Technical writing
- Penetration Testing
- Professional communication
- Problem solving

HOBBIES

Athletics

Cinema

February 2020 to July 2022 (Lomé, Togo)

EURÊKA TG
Project manager of SIT departments and Community Manager

- Writing specifications for websites
- Website management
- Fixing bugs in existing websites and assisting customers with resolution issues in their website functions from the backend
- Deployment and production of applications
- Consult with customers to determine their product specifications throughout the development process, increasing customer satisfaction by 25% and reducing rework costs
- Creation of page accounts and creation of content on social networks increasing customer visibility by 35%
- Built database Model, Views and API's using Python for interactive web based solutions
- Used Django Framework in developing web applications to implement the Model View Control architecture
- Used Django to access the database
- Worked on front end frameworks like CSS Bootstrap
- Using Django to consume data from a web service

October 2020 to June 2022 (Lomé, Togo)

NG-STARs
Web Developer and Penetration Testing Training

- Internal and external corporate security audit
- Web site security audit and report to development team for preventive remediation
- Training of company employees in the culture of cyber security
- Deployment of phishing tool
- Phishing campaign to raise the level of employee awarreness in the procedure of protecting a company against this type of attack
- Assessment of the vulnerabilities of companies so that they can know what actions to take in order to protect themselves againts cyber attacks
- Deployment of SIEM to monitor servers in production to detect attacks in time and better react accordingly
- Writing of reports (activity, CTF procedure, deployed tools, security audit)
- Used Django Framework in developing web applications to implement the Model View Control architecture
- Used Django to access the database
- Worked on front end frameworks like CSS Bootstrap
- Using Django to consume data from a web service
- Code review

July 2018 to September 2019 (Lomé, Togo)

ID2REAL
Trainer in computer science and robotics electronics

- Training learners in electronic circuit assembly with Arduino
- Training learners in coding with the Arduino language
- Initiation of learners to computers science with Scratch
- Writing scenarios and course reports
- Training in pedagogy and coverage of unplugged activities

January 2019 to May 2019 (Lomé, Togo)

DASHMAKE
Application developer in embedded system and IOT

- Circuit assembly with Raspberry Pi
- Python coding to use electronic components like GPS, camera and files manipulation
- Initiation of a colleague to electronics and robotics
- Drafting documentation and project reports
- Proposal of projects and contribution to their development

Education

2014 – 2017
Year of Professional License in Electrical Engineering
FORMATEC | Lomé, Togo

OTHERS

- Volunteer – Administrator of **CyberSecHaven** community

- Co-Founder – Facilitator – Trainer in **RedTeam-TG** community

- Volunteer – Lead Cyber Security of **TDev** Community