

# JERRY BROWN NMERUKINI

## CYBERSECURITY EXPERT

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## PROFESSIONAL SUMMARY

Accomplished cybersecurity expert with extensive experience in developing and implementing cybersecurity frameworks for IT and OT environments. Proven track record in conducting security analyses and creating security concepts for IoT services in the automotive and defense sectors. Skilled in cryptographic mechanisms, secure encryption practices, and post-quantum cryptography, with compliance expertise in industry standards like ISO 27001 and DSGVO. Proactive and independent, with strong teamwork and communication skills, and proficient in English and German.

## EXPERIENCE

### Neo Cloud Technologies, Abuja Nigeria

#### Cybersecurity Analyst / SOC Analyst – AI-ML Integration

08/2021 - Present

- Conducted real-time analysis and management of network and endpoint alerts, detecting and responding to security threats across a range of industries, including government and corporate sectors.
- Developed automated workflows using Splunk and Suricata, improving SOC efficiency by 30% and reducing manual intervention.
- Integrated threat intelligence feeds into SOC operations, providing actionable insights for threat mitigation and incident response.
- Created and maintained detailed incident response playbooks based on the MITRE ATTACK framework, improving SOC team's efficiency in identifying and responding to advanced persistent threats (APTs).
- Provided cybersecurity training sessions to high-profile organizations, fostering a proactive security culture and raising awareness about emerging threats.
- Led security audits, vulnerability assessments, and penetration testing, identifying potential weaknesses in network architecture and endpoint security.

### Bixy Konzept Creative Agency, Abuja Nigeria

#### IT Support & Cybersecurity Specialist

07/2018 – Present

- Delivered comprehensive IT solutions with a strong emphasis on cybersecurity, including the optimization of system configurations and the secure deployment of software solutions across all business operations.
- Implemented robust endpoint security measures and regular patch management processes to protect internal systems and prevent vulnerabilities from being exploited.
- Trained entry-level staff on cybersecurity best practices, including phishing prevention, secure browsing, and password management, enhancing organizational cyber hygiene and reducing the risk of cyber threats.
- Collaborated with cross-functional teams to embed cybersecurity into the organization's branding strategies, ensuring digital assets and sensitive data were protected through encryption and secure content management.
- Led vulnerability assessments, identifying and mitigating security risks within the company's network infrastructure using tools like OpenVAS and Nmap.
- Managed the deployment and monitoring of firewalls and VPN solutions (Palo Alto, Fortinet), ensuring secure network access for remote and hybrid work environments.

## Printrite NG, Abuja Nigeria Graphics Designer

11/2018 – 05/2019

- Created, reviewed, and updated graphic content for clients.
- Kept pace with the competition by expanding creative ideas among team members.
- Developed and designed web layout graphics.
- Ensured consistency in the client's corporate brand narratives.
- Involved in designing social media ads, large format banners, flyers, and mockups.
- Quality control of all design projects.

## KF Projects Online, Port Harcourt, Nigeria IT Support And Network Administrator

06/2012 – 12/2016

- Monitored network traffic and IDS-based analysis (using Suricata) to identify and mitigate security incidents, reducing suspicious activities by 40%.
- Conducted regular penetration tests on corporate web applications and network infrastructure to identify vulnerabilities and address them before exploitation.
- Implemented firewall rules (Palo Alto, Fortinet) and VPN configurations, ensuring secure access for remote workers and securing sensitive internal communications.
- Assisted in vulnerability assessments using OpenVAS and recommended remediation actions to improve network defenses.

## EDUCATION

### Rivers State University of Science and Technology

2007 – 2013

Bachelor of Science - BS, Science Education (Mathematics Option)

## CERTIFICATIONS

- Digital Forensics Essentials – **EC-Council**
- Network Defense Essentials – **EC-Council**
- Scrum: A Concise Introduction – **EC-Council**
- Cisco LABS Crash Course – **EC-Council**
- SQL Injection Attacks – **EC-Council**
- Advanced Open Source Intelligence and Privacy – **EC-Council**
- Ethical Hacking Essentials – **EC-Council**
- Foundations of Hacking and Pentesting Android Apps – **EC-Council**
- Introduction to Dark Web, Anonymity, and Cryptocurrency – **EC-Council**
- Graphic Design Mastery: The Full Branding & Design Process – **Udemy**
- (ISC)<sup>2</sup> Candidate – **ISC<sup>2</sup>**

## SKILLS

### Cybersecurity & Network Security

- Network Security, Information Security, Endpoint Security
- Vulnerability Assessment & Penetration Testing (VAPT)
- Cyber Threat Intelligence (CTI), Ethical Hacking
- IDS/IPS, EDR/XDR, SIEM, SOAR
- Network Defense, Digital Forensics
- Data Privacy, Anonymity, Cybercrime Investigation

### Tools & Technologies

- Kali Linux, Cisco Routers, SQL
- Command Line Tools (CLI), Networking Protocols
- SEIM platforms, Firewall & Router Configuration

### Scripting & Automation

- Python (for security automation)
- Bash/CLI scripting

### AI/ML Integration

- AI-Driven Threat Detection
- Machine Learning in SOC Analysis

### Development & Process

- Agile Methodologies, Scrum
- Software Development Life Cycle (SDLC)
- Project Management

## LANGUAGES

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- English (C1)
- German (A2)

## PROJECTS

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- Successfully led the development and launch of critical systems for the Ministry of Health
- Delivered comprehensive security risk assessments and tactical threat intelligence to multiple enterprises
- Facilitated cybersecurity training for businesses, government agencies, and organizations.