

SAMUEL OCHOCHÉ PETER

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GitHub: [Samuel Ochoche Peter Portfolio](#)

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PROFESSIONAL SUMMARY

Computer Science graduate with professional experience in Software Development, Data Analysis, Web Development, Mobile Application Development, Cybersecurity Fundamentals, Technical Training, and Office Administration. Experienced in designing and deploying secure web applications, developing data-driven dashboards, building machine learning models, performing business intelligence analysis, and delivering technical training.

Skilled in Python, SQL, Power BI, PHP, JavaScript, Flutter, React Native, MySQL, HTML, CSS, Bootstrap, and modern software development practices. Strong understanding of data analytics, cybersecurity principles, enterprise networking, REST API integration, and system administration.

Recognized for delivering practical technology solutions for government organizations, private businesses, and educational institutions. Able to work effectively in remote, hybrid, and on-site environments while collaborating with multidisciplinary teams to solve business and technical challenges.

CORE COMPETENCIES

- a. Software Development
- b. Web Development
- c. Mobile App Development
- d. Data Analysis
- e. Business Intelligence
- f. Machine Learning
- g. Dashboard Development
- h. Database Design
- i. System Development
- j. REST API Integration
- k. Cybersecurity Fundamentals
- l. Network Administration
- m. Technical Training
- n. IT Support
- o. Office Administration
- p. UI/UX Design
- q. Cloud Deployment
- r. Project Coordination

TECHNICAL SKILLS

Programming

- a. Python
- b. PHP
- c. JavaScript
- d. SQL
- e. HTML5
- f. CSS3
- g. Bootstrap

Data Analytics

- a. Excel
- b. Power BI
- c. PostgreSQL
- d. MySQL
- e. Pandas
- f. NumPy
- g. Matplotlib
- h. Seaborn

Software Development

- a. Flutter
- b. Dart
- c. React Native
- d. Firebase
- e. Node.js (Basic)
- f. Express (Basic)
- g. Flask
- h. REST APIs

Cybersecurity

- a. Kali Linux
- b. Ubuntu Server
- c. Wireshark
- d. Nmap
- e. Hydra
- f. OWASP ZAP
- g. VMware
- h. Cisco Packet Tracer
- i. VLAN Configuration
- j. SSH Security
- k. Basic Penetration Testing

Design & Productivity

- a. Figma
- b. Canva
- c. Microsoft Office Suite
- d. Google Workspace
- e. Zoom
- f. Google Meet

PROFESSIONAL EXPERIENCE

1. Software Developer & Technical Instructor

WebPryme (Remote).....2022 – Present

- a. Designed and developed responsive web and mobile applications for businesses.
- b. Built full-stack web systems using PHP, MySQL, HTML, CSS, Bootstrap, and JavaScript.
- c. Developed Flutter and React Native mobile applications.
- d. Designed responsive UI/UX interfaces using Figma.
- e. Integrated REST APIs and Firebase services.
- f. Conducted technical training in Web Development and Data Analysis.
- g. Optimized application performance through testing and debugging.
- h. Collaborated remotely with clients to deliver production-ready solutions.

2. Data Analyst (Contract)

One StepAhead Consulting Company.....2025 – 2026

- a. Analyzed workforce datasets for multiple Federal Government Ministries.
- b. Cleaned, transformed, and validated nominal roll datasets using Excel, SQL, Python, and Power BI.
- c. Developed workforce dashboards showing staff distribution by state, department, grade level, and ministry.
- d. Produced management reports supporting staff verification and workforce planning.
- e. Collaborated with stakeholders to improve data quality and reporting accuracy.

Projects included:

- a. Federal Ministry of Communications, Innovation and Digital Economy (FMCIDE)
- b. Federal Ministry of Innovation, Science and Technology (FMIST)
- c. Federal Ministry of Industry, Trade and Investment (FMITI)

3. NYSC CORPS MEMBER (FINANCE & SALARY UNIT)

Federal Ministry of Innovation, Science and Technology.....2025 – 2026

- a. Managed payroll documentation.
- b. Verified salary records.
- c. Generated official payslips.
- d. Maintained confidential staff records.
- e. Supported administrative operations.

4. VOLUNTEER DATA ANALYTICS COACH

Idealnivate Africa.....2024 – 2025

- a. Mentored students in Excel, SQL, Python, and Power BI.
- b. Reviewed dashboards and analytics projects.
- c. Delivered practical data analytics training.

5. PYTHON PROGRAMMING INSTRUCTOR

EL Academy.....2023

- a. Taught Python programming fundamentals.
- b. Guided students through practical coding projects.
- c. Simplified programming concepts for beginners.

6. SOFTWARE DIRECTOR

Nigeria Association of Computing Students (NACOS).....2023 – 2024

- a. Led student software development initiatives.
- b. Organized technical workshops.
- c. Mentored computing students.

7. OFFICE SUPERVISOR / ADMINISTRATIVE ASSISTANT

P & M Laundry.....2018 – 2019

- a. Managed financial records.
- b. Supervised office operations.
- c. Coordinated customer service.

8. OFFICE ASSISTANT

Safety Vision Driving School.....2017 – 2018

- a. Managed student registration.
- b. Generated FRSC certificates.
- c. Maintained office documentation.

SELECTED SOFTWARE DEVELOPMENT PROJECTS

1. Integrity Law Firm Corporate Website & Admin Portal

Technologies: PHP • MySQL • Bootstrap • JavaScript • PHPMailer

Website: [Integrity Law Firm](#)

GitHub Repository: [samuelochochepeter/integrity-law-firm-website: A responsive law firm website built with PHP, MySQL, Bootstrap, JavaScript, and an admin dashboard for managing consultations. Tech Stack: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL Features: Consultation booking, admin dashboard, contact messages, AI chatbot integration, responsive design, SEO-friendly pages.](#)

Highlights: Built and deployed a live corporate website, Developed secure admin dashboard, Implemented password recovery, Built consultation booking system, Integrated newsletters, Configured SEO, Deployed using cPanel, Implemented secure authentication and SQL injection protection.

2. Rev. Fr. Dr. Emmanuel Ukata – Professional Ministry & Academic Website

Technologies: PHP • MySQL • HTML • CSS • Bootstrap • JavaScript

Website: [Rev. Fr. Dr. Emmanuel Ukata | Catholic Priest & Author](#)

GitHub Repository: [samuelochochepeter/rev-fr-emmanuel-ukata-website: A professional digital platform developed to showcase the ministry, academic career, publications, books, research, retreats, leadership experience and scholarly contributions of Rev. Fr. Dr. Emmanuel Ukata.](#)

- a. Designed and developed a responsive professional website showcasing biography, priestly ministry, academic career, publications, 27 books, research, retreats, leadership roles, and photo gallery.
- b. Built reusable PHP components, responsive navigation, featured-book sections, profile pages, gallery layouts, contact functionality, and custom UI designs.
- c. Applied modern responsive design principles using Bootstrap, CSS3, JavaScript, and PHP/MySQL.

3. Smartphone Tracking System (Final Year B.Sc. Computer Science Project)

Tools: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, XAMPP

Project Type: Undergraduate Final Year Project (B.Sc. Computer Science)

Repository: [samuelochochepeter/smartphone_tracking_system: A prototype system designed to help users report lost smartphones and facilitate tracking via a centralized platform.](#)

Responsibilities & Achievements

- ❖ Designed and developed a web-based smartphone tracking and management system as my final-year undergraduate project.
- ❖ Built a secure platform for recording, tracking, and managing lost, recovered, and registered mobile devices.
- ❖ Developed user authentication and role-based access to protect sensitive device and user information.
- ❖ Designed a responsive user interface using HTML, CSS, Bootstrap, and JavaScript to improve usability across desktop and mobile devices.
- ❖ Implemented backend functionality using PHP and MySQL for secure data storage, retrieval, and transaction processing.
- ❖ Applied CRUD (Create, Read, Update, Delete) operations to manage smartphone records efficiently.
- ❖ Designed a relational database to manage device details, ownership records, and tracking information while maintaining data integrity.

4. Online Supermarket Management System

GitHub Repository:

[samuelochochepeter/Online_Supermarket_Management_Software_System](#)

Tools: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, XAMPP

Highlights: Inventory Management, Sales Management, Profit & Loss Tracking, Product Management, Transaction Reporting, Admin Dashboard

5. Online Vehicle Management System

GitHub Repository: [samuelochochepeter/vehicle-management-system: A prototype system for managing vehicle registration, maintenance schedules, and driver details online.](#)

Tools: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, XAMPP

Highlights: Vehicle Tracking, Booking, Maintenance Scheduling, Admin Dashboard

6. Real Estate Management System

GitHub Repository: [samuelochochepeter/real-estate-system: A real estate web application prototype that allows users to search, view, and manage property listings online.](https://github.com/samuelochochepeter/real-estate-system)

Tools: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, XAMPP

Highlights: Property Listing, Customer-Agent Communication, Property Management

7. Smart Hospital Locator

GitHub Repository: [samuelochochepeter/Smart Hospital Locator System: A web-based tool that allows users to locate nearby hospitals based on location and available facilities](https://github.com/samuelochochepeter/Smart_Hospital_Locator_System)

Tools: HTML, CSS, Bootstrap, JavaScript, PHP, MySQL, XAMPP

Highlights: Location-Based Search, Hospital Directory, Emergency Navigation

DATA ANALYTICS PROJECTS

1. Federal Ministry of Innovation, Science and Technology (FMIST)

Workforce Analytics

Tools: Excel, SQL, Power BI

GitHub: [samuelochochepeter/fmist-workforce-analytics](https://github.com/samuelochochepeter/fmist-workforce-analytics): [Workforce analytics and staff distribution dashboard for the Federal Ministry of Innovation, Science and Technology \(FMIST\).](https://github.com/samuelochochepeter/fmist-workforce-analytics)

- ❖ Conducted workforce analytics and developed interactive Power BI dashboards for Federal Ministry of Innovation, Science and Technology (FMIST).
- ❖ Analyzed staff distribution by state, department, and grade level to support workforce planning and reporting.

2. Federal Ministry of Communications, Innovation and Digital Economy (FMCIDE) Workforce Analytics

Tools: Excel, SQL, Power BI

GitHub: [samuelochochepeter/fmcide-workforce-analytics](https://github.com/samuelochochepeter/fmcide-workforce-analytics): [Workforce Analytics and Power BI Dashboard for the Federal Ministry of Communications, Innovation and Digital Economy \(FMCIDE\).](https://github.com/samuelochochepeter/fmcide-workforce-analytics)

- ❖ Conducted workforce analytics and developed interactive Power BI dashboards for Federal Ministry of Communications, Innovation and Digital Economy (FMCIDE).
- ❖ Analyzed staff distribution by state, department, and grade level to support workforce planning and reporting.

3. Federal Ministry of Industry, Trade and Investment (FMITI)

Workforce Analytics

Tools: Excel, SQL, Power BI

GitHub: [samuelochochepeter/fmiti-workforce-analytics](https://github.com/samuelochochepeter/fmiti-workforce-analytics): [Workforce analytics and business intelligence dashboard for the Federal Ministry of Industry, Trade and Investment \(FMITI\).](https://github.com/samuelochochepeter/fmiti-workforce-analytics)

- ❖ Conducted workforce analytics and developed interactive Power BI dashboards for Federal Ministry of Industry, Trade and Investment (FMITI).

- ❖ Analyzed staff distribution by state, department, and grade level to support workforce planning and reporting.

4. Restaurant Rating Prediction using Machine Learning

Tools: Python, Pandas, NumPy, Scikit-learn, Matplotlib

Publication: [Medium Article](#)

GitHub: [samuelochochepeter/restaurant-rating-predictor: A data science project that uses machine learning algorithms to predict restaurant ratings based on various features.](#)

- ❖ Developed and evaluated machine learning models including Ridge Regression, Random Forest, and Gradient Boosting to predict restaurant ratings.

5. Election Outlier Detection & Geospatial Analysis

Tools: Python, SQL, Power BI

GitHub: [samuelochochepeter/Election_Outlier_Detection_-_Geospatial_Analysis-Kaduna_State](#)

- ❖ Performed statistical and geospatial analysis to identify abnormal voting patterns and visualize electoral trends.

6. HNG Ride Data Analytics

Tools: PostgreSQL, SQL

GitHub: [samuelochochepeter/HNG-RIDE-DATA-ANALYSIS](#)

- ❖ Analyzed ride-sharing data to evaluate customer retention, revenue performance, payment methods, and trip patterns.

7. Palm Oil Profitability Analysis

Tools: Python, SQL, Power BI

GitHub: [samuelochochepeter/Palm_Oil_Profitability_Analysis: The Analysis explores the Profitability of palm oil plantations across major producing states in Nigeria, using publicly availability data and proxy estimate from FAOSTAT, NIFOR and USDA PSD](#)

- ❖ Developed financial models to evaluate ROI, profitability, break-even points, and investment opportunities across Nigerian states.

CYBERSECURITY PROJECTS

1. Wazuh Enterprise Network Vulnerability Assessment

Tools: Wazuh SIEM, Ubuntu Server, Kali Linux, Nmap, OpenVAS

GitHub: [Cybersecurity-Projects/Wazuh-Enterprise-Network-Vulnerability-Assessment at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects/tree/main/Cybersecurity-Projects/Wazuh-Enterprise-Network-Vulnerability-Assessment)

- ❖ Conducted enterprise vulnerability assessment using Wazuh SIEM to identify and monitor security threats.
- ❖ Configured security monitoring, analyzed alerts, and developed remediation recommendations to improve enterprise security.

2. Enterprise Network Vulnerability Assessment

Tools: Nmap, OpenVAS, Wireshark, Kali Linux

GitHub: [Cybersecurity-Projects/Enterprise-Network-Vulnerability-Assessment at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects/tree/main/Cybersecurity-Projects/Enterprise-Network-Vulnerability-Assessment)

- ❖ Performed network reconnaissance, vulnerability scanning, and security risk assessment in a controlled enterprise environment.
- ❖ Produced a detailed vulnerability assessment report with prioritized remediation strategies.

3. Packet Analysis and Network Traffic Investigation

Tools: Wireshark, TCP/IP, Windows Networking

GitHub: [Cybersecurity-Projects/Network-Traffic-Investigation at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects/tree/main/Cybersecurity-Projects/Network-Traffic-Investigation)

- ❖ Captured and analyzed live network traffic using Wireshark to investigate ARP, DNS, ICMP, TCP, and HTTPS/TLS communications.
- ❖ Examined packet structures, TCP handshakes, and communication flows to improve network monitoring and troubleshooting skills.

4. Equifax Data Breach Analysis

Tools: Cybersecurity Risk Analysis, Incident Response, Vulnerability Management

GitHub: [Cybersecurity-Projects/Equifax Data Breach Analysis at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects/tree/main/Cybersecurity-Projects/Equifax-Data-Breach-Analysis)

- ❖ Investigated the exploitation of the Apache Struts vulnerability (CVE-2017-5638) that led to the compromise of approximately 147 million records.
- ❖ Evaluated security failures and recommended best practices for vulnerability management, patching, and incident response.

5. Secure Enterprise Network Using VLANs and Inter-VLAN

Routing

Tools: Cisco Packet Tracer, Cisco IOS, VLANs, ACLs, Router-on-a-Stick

GitHub: [Cybersecurity-Projects/Secure-Enterprise-Network-Using-VLANs-and-Inter-VLAN-Routing at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects/tree/main/Secure-Enterprise-Network-Using-VLANs-and-Inter-VLAN-Routing)

- ❖ Designed and implemented a secure enterprise network with departmental VLAN segmentation and Router-on-a-Stick configuration.
- ❖ Configured Access Control Lists (ACLs) to enforce network security policies and restrict unauthorized access.

6. Message Encryption Implementation Using CyberChef

Tools: CyberChef, AES Encryption

GitHub: [Cybersecurity-Projects/Message Encryption Implementation Using CyberChef at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects/tree/main/Message-Encryption-Implementation-Using-CyberChef)

- ❖ Demonstrated secure message encryption and decryption using the AES symmetric encryption algorithm.
- ❖ Applied cryptographic principles to ensure data confidentiality and secure communication.

7. SSH Penetration Testing Lab

Tools: Kali Linux, OpenSSH, Linux Terminal

GitHub: [Cybersecurity-Projects/SSH-Penetration-Testing-Lab at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects/tree/main/SSH-Penetration-Testing-Lab)

- ❖ Configured and tested secure remote administration using SSH in a controlled laboratory environment.
- ❖ Evaluated authentication mechanisms and recommended secure SSH configuration practices.

8. Malware Analysis and Investigation

Tools: Wireshark, Process Explorer, Autoruns, Windows Event Viewer, VirusTotal

GitHub: [Cybersecurity-Projects/Malware Analysis and Investigation at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects)

- ❖ Investigated malware activity through process analysis, persistence mechanisms, network traffic analysis, and Indicators of Compromise (IOCs).
- ❖ Developed containment, eradication, recovery, and remediation recommendations based on forensic findings.

9. Vulnerability Scanning and Reporting

Tools: OpenVAS, Nmap, Kali Linux

GitHub: [Cybersecurity-Projects/Vulnerability Scanning and Reporting at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects)

- ❖ Conducted comprehensive vulnerability assessments to identify security weaknesses across network infrastructure.
- ❖ Produced professional vulnerability reports with risk ratings and actionable remediation recommendations.

10. Network Traffic Analysis

Tools: Wireshark, TCP/IP, DNS, ICMP, HTTP/HTTPS, Network Protocol Analysis

GitHub: [Cybersecurity-Projects/NETWORK TRAFFIC ANALYSIS at main · samuelochochepeter/Cybersecurity-Projects](https://github.com/samuelochochepeter/Cybersecurity-Projects)

- ❖ Captured and analyzed live network traffic to examine protocol behavior, communication flows, and packet structures across enterprise networks.
- ❖ Investigated network protocols including **ARP, DNS, ICMP, TCP, HTTP, and HTTPS/TLS**, applying protocol filters to identify anomalies and support network monitoring and incident response.

EDUCATION

Bachelor of Science (B.Sc.) Computer Science

Federal University of Kashere

Nigeria

PROFESSIONAL CERTIFICATIONS

- i. Certified Professional Diploma in Data Analysis — Ideallnovate Africa (2025)
- ii. Data Analysis with Python — FreeCodeCamp (2025)
- iii. Level 5 Data Science (NSQ) — CPN (2025)
- iv. Web Development — Federal Government Empowerment Program (2025)
- v. Agile Project Management — HP (2024)
- vi. Programming in Python — Meta (2023)
- vii. Machine Learning with Python — FreeCodeCamp (2023)
- viii. Python Programming — EL Academy (2023)
- ix. Front-End Development — Coursera (2023)
- x. Back-End Development — Coursera (2023)
- xi. Desktop Publishing — Communication Network Ltd (2019)
- xii. Digital Marketing — Life Servers Ambassadors International (2019)

LEADERSHIP

- a. Software Director — NACOS
- b. Head of Media & Publicity — National Association of Idoma Students Worldwide
- c. Volunteer Technical Trainer

ADDITIONAL INFORMATION

- a. Open to Software Engineering, Web Development, Data Analytics, Business Intelligence, Cybersecurity, IT Support, Technical Training, Administrative, and Remote positions.
- b. Available for Remote, Hybrid, and On-site opportunities.
- c. Eligible to work on contract, full-time, and project-based engagements.
- d. Referees available upon request.