Engr. Jerry Ebruvwiyor Osiobe, MNSE, COREN

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Registered Engineer (COREN) | Member, Nigerian Society of Engineers (MNSE)

Professional Summary

Results-driven Engineer with expertise in Materials & Metallurgical Engineering, Project Management, Cybersecurity, and Data Analytics. Skilled in AutoCAD design, CCTV & Access Control Systems, Networking, and Fabrication Engineering. Adept at leading projects, analyzing data for business intelligence, and implementing secure IT systems. Recognized for strong problem-solving, technical innovation, and team collaboration.

Core Competencies

- Project & Systems Management
- AutoCAD 2D/3D Design & Technical Drawings
- Cybersecurity (Pen Testing, Log Analysis, GRC)
- Data Analytics (SQL, Power BI, Excel)
- CCTV & Access Control Systems
- Computer Networking & Structured Cabling
- Fabrication & Mechanical Installation
- Risk Assessment & Quality Management
- Strong Communication (English & Urhobo)

Education

- **MSc in view, Systems Engineering** – University of Lagos, Akoka (2026)
- **B.Eng, Materials & Metallurgical Engineering** – Federal University of Technology, Owerri (2019)
- **OND, Ceramics & Glass Technology** – Akanu Ibiam Federal Polytechnic, Unwana (2013)
- **NECO & WAEC, Senior School Certificate Examination** – Ibru College, Agbarha-Otor (2010)

Professional Certifications

- **Professional Engineering Memberships**:
  - ✓ COREN Registered Engineer- **ID: R75933** (2024).
  - ✓ Member Nigerian Society of Engineers **ID: 66190**- MNSE (2024).
  - ✓ Member Nigerian Institution of Metallurgical, Materials and Mining Engineers **ID: CM641**- MNIMMME (2025).
  - ✓ Member International Association of Engineers **ID: 521253**- MIAENG (2025).

- **Project & Risk Management**: Project Management Essentials Certification (2025), Agile Project Management (2025), Risk Management (2019)

- **Data & AI**: Data Analytics Professional (2025), AI Fluency (Microsoft IOE, 2025), AI for SMEs (2026), IBM Explorer Certifications – Data Analytics, Cloud, AI, Cybersecurity & Quantum Computing (2019)

- **Cybersecurity**: Cybersecurity Awareness (2025), Cybersecurity Certification - NECA-ITF TSDP (2025), API Security Fundamentals (2025), Securing API Servers (2025), Fundamentals of Network Security (2015)

- **Process Improvement**: Six Sigma & Lean Six Sigma White Belt (2025)

- **Technical Courses**: Systems Engineering (2021), Product Design & Manufacturing (2015), C++ Programming (2019)

Professional Experience

Fabrication Engineer – Nehemiah Grace Developers Ltd, Lagos (Dec 2025 – Present)

- Lead design development using AutoCAD 2D/3D.

- Supervise fabrication technicians, ensuring compliance with engineering codes and standards.

- Coordinate projects and oversee site operations.

Cybersecurity Analyst (Internship) – NECA-ITF Technical Skills Development Projects, Lagos (Jun 2025 – Oct 2025)

- Conducted penetration testing, log analysis, and GRC compliance.

- Implemented security measures to safeguard networks and data.

Data Analyst (Internship) – Techlytics Africa, Lagos (Feb 2025 – Jun 2025)

- Applied SQL, Power BI, and Excel for database management, data cleaning, analysis, and visualization.

- Delivered insights to support business decisions and predictive modeling.

Project Engineer – Java Data Solution Ltd, Lagos (Nov 2023 – Sep 2024)

- Project supervision and site coordination.

- Designed and installed CCTV and access control systems.

- Trained technicians in AutoCAD 2D/ 3D modeling and LAN topology design for CCTV design and implementation.

Project Engineer (Contract) – Pavilion Technology Ltd, Lagos (Sep 2021 – Oct 2023)

- Supervised CCTV and access control implementation and installations.

- Assisted technical supervisors in designing and supervision of the CCTV real-time video surveillance projects.

Network Support Assistant – Michael & Cecilia Ibru University, Delta (Jan 2017 – Dec 2018)

- Implemented structured cabling and configured network devices.
- Supported JAMB CBT Centre networking infrastructure.

Research Papers/ Publications.

- Expert Systems in CCTV and Access Control Management.
  DOI: 10.13140/RG.2.2.20538.86725
- Introduction to CCTV Surveillance Systems and Applications.

  DOI: 10.13140/RG.2.2.18049.31848
- Business Continuity Plan using NIST SP 800-34 Rev. 1 Framework.
  DOI: 10.13140/RG.2.2.32324.28804
- Environmental Impact Assessment App using Prolog Reasoning.
  DOI: 10.13140/RG.2.2.21890.95688
- Unification of Real Differential, Real Difference and Modular Sequential Systems.
  DOI: 10.13140/RG.2.2.23568.67847

Interests

Reading | Learning | Swimming | Travelling | Football