OZOMADU JOY CHIDERA

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Professional Summary

Telecommunications Engineer with a strong foundation in network infrastructure, RF systems, broadband technologies, and emerging digital solutions. Experienced in fiber-optic communication, wireless networking, and software development, with proficiency in Python, JavaScript, and AI applications. I am skilled in broadcast engineering, signal processing, and telecommunication systems. A problem-solver with leadership experience, eager to contribute to ipNX's mission of digital transformation and innovative ICT solutions.

Education

- Air Force Institute of Technology, Kaduna   2019-2024
  BENG. Telecommunication Engineering
- Air Force Comprehensive School Agbani, Enugu   2013-2019
  SSCE
- Air Force Primary School Ikeja, Lagos   2008-2013
  FSLC, Basic studies

Skills

- Telecommunications & RF Systems – Network design, signal transmission, broadband & fiber-optic communication
- Networking & Communication Systems – Wi-Fi, LAN, WAN, and cellular network optimization
- Broadcast Engineering – FM/AM transmission, VHF/UHF radio systems, modulation techniques
- Software Development & AI – Python, JavaScript, ReactJS, Machine Learning applications
- Cloud Computing & Cybersecurity Awareness – Secure data communication, cloud-based solutions
- Troubleshooting & Equipment Maintenance – RF analyzers, oscilloscopes, voltmeters, and spectrum analyzers
- Project & Strategic Management – Effective planning, execution, and teamwork
- Leadership & Team Collaboration – Course Representative, team lead on multiple projects

Work Experience

Nigerian Army Cyberwarfare Command, Giri   August 2023 – January 2024

Intern

- Assisted in network design, software development, and AI-driven technology projects for military communication systems.
- I gained expertise in Python, Machine Learning, and JavaScript for network optimization.
- Collaborated on data security and infrastructure projects, ensuring efficient digital communication.
- Lectured on Network Infrastructure, providing insights into network design, optimization, and cybersecurity measures.

Nigerian AirForce 401 Flying Training School   December 2022 – April 2023

Intern

- Assisted in operating and maintaining VHF radio transmitters in the air traffic control tower.
- I gained hands-on experience in RF signal processing, radio transmission, and telecommunications system maintenance.
- Troubleshot and optimized ground-to-air communication channels for effective flight operations.

Training and certification

- Graduate Member of the Nigerian Society of Engineers (GMNSE)   2024
- Health and Safety Environment (HSE) 1,2,3 first aid and CPR   2025

Projects & Achievements

- Led an AI conference at Nigerian Army Cyberwarfare Command.
- Contributed to cybersecurity and tech innovation initiatives.
- Successfully assisted in VHF radio transmitter operations during military air traffic control.
- Assisted in optimizing secure communication networks for military operations.
- Led teams and coordinated academic projects, enhancing problem-solving and strategic planning skills.

References
- Available on Request