

MOHAMMED IDRIS

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PROFILE

A graduate of Computer Engineering with over 5 years of experience in Academia, IT technical support, network engineering, Web App design and Software development. Adept at troubleshooting, data analysis, and collaborating across teams to drive project success. Proficient in ASPEN Hysys, Python, AutoCAD, and various data analytics tools.

EDUCATION

Master of Science in Computer Engineering (In View)

Ahmadu Bello University, Zaria, Nigeria | 2022 – Present

Bachelor of Engineering in Computer Engineering

University of Maiduguri, Nigeria | 2011 – 2016

EXPERIENCE

Academician (Assistant Lecturer)

Federal Polytechnic Damaturu, Yobe State | Jan, 2025 – Present

- Delivering lectures, seminars, and practical sessions in assigned courses.
- Designing, developing, and updating course materials and syllabi.
- Supervising students' projects, research work, and industrial training.
- Providing academic counseling and career guidance to students.
- Conducting research in specialized fields and publishing findings in reputable journals.

IT Technical Support (Onsite)

CMB Building Maintenance and Investment Co. Ltd Lagos | July 2024 – Dec, 2024

- Diagnose and troubleshoot hardware, software, and network issues.
- Install, configure, and upgrade systems and applications.
- Manage local and wide area networks, VPNs, and resolve connectivity issues.
- Provide user training and ensure data backup systems are operational.

Process Design Engineer

NCDMB, Tecnimont Nigeria, NNPC HCD (PRRP Project) Port Harcourt | Jan 2023 – June 2024

- Designed process flow diagrams and ensured compliance with safety regulations.
- Collaborated with teams to deliver project outcomes on time.

Software Developer Trainee

eHealth Africa Abuja | March 2023 – August 2023

- Assisted in developing web applications based on user requirements.
- Gained practical knowledge of software development methodologies.

Data Analytics Intern

KPMG Lagos (Virtual Internship) | February 2023 – December 2023

- Worked on data analytics projects, extracting insights for decision-making.

Data Processing Teacher

Maiduguri Capital School, Maiduguri | Nov 2016 – Dec 2022

- Teaching students the concept of data processing, including inputs, processing, outputs and storage.
- Training student on how to use computer system and peripherals. Guiding students in the use of and productivity software like, CorelDraw, Microsoft Office suite (Word, Excel, Access, PowerPoint) and database management system.
- Supervising practical sessions on data entry, data analysis and visualization.

Computer Network and Maintenance Engineer

Professor Iya Abubakar C.R.C, Bauchi | March 2015 – August 2016

- Provided technical support for computer systems and implemented network security measures.

PROJECTS

- **TCN Petroleum Refinery Control Project:** Designed and simulated a process that increased production capacity by 100,000 BOPD in the Port Harcourt Refinery.

CERTIFICATIONS

- Web and Software Development
- CCNA, IT Essentials
- Introduction to Cyber Security
- Ethical Hacking
- CompTia A+
- Prince 2 Foundation Project Management Certification
- ISO 9001:2015 Quality Management System
- ISO 29993:2017 Quality Management System Auditor

SKILLS

- **Technical:** ASPEN Hysys, AutoCAD, CorelDraw
 - **Programming:** Python, R, C++, MATLAB, HTML, CSS and JavaScript
 - **Databases:** MySQL, Postgres SQL, Django
 - **Data Analysis:** Excel, Tableau, Power BI
 - **Networking:** LAN, WAN, VOIP, VPN, SBC, PBX, Switches, Routers configurations
 - **Design Tools:** Figma (UI/UX Design), Laravel Framework
 - **Project Management:** Strong leadership, time management, and communication skills
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PUBLICATIONS

- *Co-Author:* "Design, Implementation and Evaluation of Remote Weather Monitoring System" (IJSEI, 2019) [Link](#),
 - *Policy Brief:* "Addressing Internet Concerns in a Social Society: Is Africa Doing Enough?" (NSIG, 2022) [Link](#)
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MEMBERSHIP

- *Fellow, Nigerian School of Internet Governance (fNSIG)*
 - *Member, International Association of Engineers (mIAENG)*
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REFERENCES

Available upon request.