

Kelechukwu Innocent Ede

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Professional Summary

Proactive IT professional and data analyst with a Master's degree in Data Science from Oslo Metropolitan University and a Bachelor's degree in Computer Science from Benson Idahosa University, Nigeria. Happily married with two lovely children, I bring strong interpersonal and organizational skills alongside technical expertise. I possess a solid foundation in IT system maintenance, networking, and data analysis, combined with advanced skills in data security, visualization, and database management systems. Experienced in providing IT support in corporate and educational environments and delivering impactful data-driven solutions using Python, SQL, Excel, IBM Cognos Data Visualization tool, Power BI, and Tableau. Seeking to contribute technical expertise in IT administration and data analytics, combining practical experience and academic knowledge.

Skills

- **Information Technology:** IT system maintenance, EHR management, networking (LAN/Wi-Fi/WAN), and cybersecurity enforcement.
- **Data Analysis and Visualization:** Good in Excel, IBM Cognos, Microsoft Power BI, Tableau, Python, and Jupyter Notebook.
- **Web Development:** Front-end development using HTML, CSS, and JavaScript.
- **Database Management:** Knowledge in RDBMS (Oracle, PostgreSQL, MS SQL Server) and SQL.
- **System Administration:** Skilled in backup management, troubleshooting, and user support.
- **Operating System:** Windows.

Work Experience

Data Science Instructor *Fulltime*
NIIT-Benin Training Business School, Benin, Nigeria *August 2018 – August 2022*

- Delivered courses on Python programming, database management, and web design.
- Developed and assessed hands-on projects, mentoring over 100 students in technical skills.
- Guided students in using Tableau and Power BI for data visualization projects.

Hardware Maintenance Engineer *Part-time*
Mikon Institute of Information Technology, Benin City, Nigeria *January 2019 – December 2019*

- Repaired and maintained IT hardware, including computers, routers, and switches.
- Taught RDBMS and computer basics to students, fostering technical proficiency.

Hardware Maintenance Engineer *Internship*
Integrated Data Services Limited (IDLS), Benin City, Nigeria *January 2017 – June 2017*

- Led a team in troubleshooting and repairing IT equipment, significantly improving system reliability and operational efficiency.
- Assisted in maintaining and troubleshooting IT hardware, including servers, desktops, and networking equipment, to ensure smooth daily operations.

- Supported the development and optimization of internal IT systems, contributing to the seamless flow of business processes in oil and gas data management.
- Monitored network performance, identified issues, and implemented solutions to improve connectivity across the organization.
- Collaborated with senior IT staff to manage data backup solutions and ensure the security and availability of critical business information.
- Provided first-level technical support to staff, resolving software and hardware-related issues.
- Participated in training sessions and gained hands-on experience with advanced IT tools and systems specific to the energy industry.

Junior IT Specialist

Faith Mediplex Hospital, Benin City, Edo State, Nigeria

Part-time

January 2015 – April 2016

- Maintained IT systems, ensuring seamless operation of EHR systems and network infrastructure.
- Troubleshoot hardware and software issues, supporting over 50 staff in daily operations.
- Enforced data security measures, protecting patient data with firewalls and antivirus solutions.
- Conducted staff training sessions on IT tools and cybersecurity practices.

Junior IT Specialist & Data Analyst

Pioneer Education Centre, Benin City, Edo State, Nigeria

Fulltime

January 2014 – December 2014

- Managed and maintained the school's IT infrastructure, ensuring the smooth operation of computers, printers, and networking devices in administrative offices and classrooms.
- Provided technical support to teachers and administrative staff, resolving software, hardware, and connectivity issues promptly.
- Designed and implemented data collection and reporting systems to track student performance, attendance, and administrative metrics.
- Conducted data analysis to generate actionable insights for improving student outcomes and operational efficiency.
- Assisted in the setup and maintenance of computer labs, including software installation and regular system updates.
- Delivered basic IT training sessions for staff, equipping them with skills to effectively use educational technology tools.
- Ensured the security of sensitive data by implementing proper access control measures and backup protocols.

Education

Master of Science in Data Science

Oslo Metropolitan University, Oslo, Norway

Graduated June 2024

Master's Thesis: *Enhancing Data Security in Generated Synthetic Healthcare Data: An Auto-Encoder and Variational Auto-Encoder Approach*

[GitHub Link](#)

Bachelor of Science in Computer Science

Benson Idahosa University, Benin City, Nigeria

Graduated June 2018

Undergraduate Thesis: *Student Face-Biometric Classroom Attendance.*

Certifications

- Oracle Certified Associate, RDBMS Oracle, 2014
- Information Technology Fundamentals, IBM, 2025
- Networking Basics, CISCO, 2024
- Excel Basics for Data Analysis, IBM, 2025
- Databases and SQL for Data Science, IBM, 2025
- Data Analysis with Python, IBM, 2025
- Data Visualization with Python, IBM, 2025
- Data Visualization and Dashboards Essentials with Excel and Cognos, IBM, 2025
- Python for Data Science, AI and Development, IBM, 2025
- Python Project for Data Science, IBM, 2025
- IBM Data Analyst Capstone Project, IBM, 2025
- Power BI for Beginner, Simplilearn, 2022
- Cloud Native, DevOps, Agile, and NoSQL Essentials by IBM/Coursera, 2024
- Data Science with Python, Simplilearn, 2022
- Introduction to Data Visualization, Simplilearn, 2022
- Web Development Fundamentals, IBM, 2024

Projects

Typing Tester Application

GitHub Link: [Developed a tool to measure typing speed using Python.](#)

Sales Performance Dashboard using Microsoft Power BI

Created an interactive dashboard for analyzing sales performance across various regions.

GitHub link: [Sales Performance Dashboard](#)

Sales Tax Collections Dashboard using Tableau

Visualized state-wise sales tax collection data using Tableau, providing insights into tax revenue.

Tableau Public link: [Sales Tax Collections by States](#)

GitHub link: [Sales Tax Collections Dashboard](#)

Warehouse Retail Sales Dashboard using Tableau

Built a Tableau dashboard to track warehouse and retail sales trends, providing clear insights for inventory and sales teams.

Tableau Public link: [Warehouse and Retail Sales Dashboard](#)

GitHub link: [Warehouse Retail Sales Dashboard](#)

State Fiscal Rankings Dashboard: Trends and Insights (2006–2016) using Tableau

This interactive dashboard explores U.S. state fiscal rankings over a decade, highlighting key performance indicators such as cash reserves, budget management, and overall fiscal health.

Tableau Public link: [State Fiscal Rankings Dashboard](#)

Predictive Analytics for Sales Forecasting using Python and Jupyter Notebook

Implemented machine learning algorithms to forecast sales based on historical data.

GitHub link: [Predictive Analytics for Sales Forecasting](#)

Customer Segmentation Analysis using Python and Jupyter Notebook

Used clustering techniques to segment customers based on purchasing behavior.

GitHub link: [Customer Segmentation Analysis](#)

GitHub Portfolio Website

Designed and published a responsive single-page portfolio website showcasing my projects, skills, and achievements.

GitHub link: [View My Portfolio Projects](#)

Languages

- Norsk: A2
- English: Fluent
- Igbo: Native

References

The following persons have referenced:

- Daniel Mosima Mosima - 4797320972, a friend, Bergen, - Email: mosima20@hotmail.com
- Hårek Haugerud - 4740203819, Associate Professor at Department of Computer Science OsloMet - Oslo Metropolitan University, Oslo, - Email: harek.haugerud@oslomet.no
- Olav Mella - 90990185, Dr. and head of oncology at Haukeland universitetssykehus, Bergen, - Email: olav.mella@helse.bergen.no
- Dag Inge Ulstein - 91521141, friend and MP at Stortinget, Oslo.