

Umar Yusuf Dayyabu

Technology and Research Leader, Research Scientist, Data Analyst

Versatile professional adeptly navigating roles spanning ICT leadership, research science, and data analysis. Leveraging a diverse background to drive technological innovation and research-driven solutions.

Education

- 2021-09 - 2024-09** **PhD Candidate: Computer Science**
African University of Science and Technology - Abuja
- 2013-01 - 2016-05** **Master of Science: Software Engineering**
University of Salford - Manchester, United Kingdom
- 2013-01 - 2016-05** **Bachelor of Science: Computer Science (First Class)**
Baze University - Abuja, Nigeria

Work History

- 2023-04 - Current** **Acting Director ICT**
Baze University, Abuja
I assumed a leadership role overseeing the strategic management and operational direction of the IT, Research, and Innovation department. Responsible for providing visionary guidance and fostering cross-functional collaboration, I ensured the seamless integration of technology solutions to advance the university's mission and enhance its digital capabilities.
- 2017-09 - Current** **Head of Application Solutions and Development Services**
Baze University, Abuja
I manage the University's development team using Agile Scrum software development methodology. We design, communicate and allocate tasks using Slack, Trello (Kanban Board), GitHub, and so many other collaboration tools and programming languages.

Contact

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LinkedIn

<https://www.linkedin.com/in/umar-yusuf-dayyabu>

WWW

<https://umardayyabu.com>

Skills

Academic Research

●●●●●
Excellent

Publication

●●●●●
Excellent

Project Management

●●●●●
Excellent

Lecturing

●●●●●
Excellent

Problem Solving

●●●●●
Excellent

Teamwork

●●●●●
Excellent

2023-08 –
2023-12

ICT and Data Systems Consultant

World Bank / Federal Ministry of Education

As an ICT and Data Systems Consultant for the "Better Education Service Delivery for All Additional Financing-Transforming Education Systems at State Level (BESDA AF-TESS)" program, I am playing a pivotal role in advancing education systems through the strategic integration of technology and data-driven solutions. Tasked with enhancing educational quality and access at the state level, I collaborated closely with stakeholders to implement transformative initiatives that elevated the efficiency, transparency, and effectiveness of educational processes.

2023-03 –
2023-06

Senior Research Scientist

TETFUND National Research Infrastructure Survey, NRF, IBR Impact Assessment Projects

As a Senior Research Scientist for the Tertiary Education Trust Fund (TETFUND) National Research Infrastructure Survey, National Research Fund (NRF), and Institute-based Research (IBR) impact assessment projects, I assumed a critical role in advancing research initiatives within Nigeria's higher education landscape. With a focus on data modeling and analysis, I contributed to evidence-based decision-making and the enhancement of research infrastructure, funding mechanisms, and institutional impact.













2019-07 -
2019-08

Data Analyst

National Information Technology Development Agency of Nigeria (NITDA)

I conducted a strategic assessment on eighteen of the Federal Public Institutions' (FPI'S) Information Technology Systems, Digital Services and Capabilities. The FPIs include National Oil Spill Detection and Response Agency, Centre for Satellite Technology Development, Defence Intelligence Agency (DIA), Nigerian Navy, Airforce and 15 more

Software

ReactJS	 Excellent
PHP	 Excellent
NodeJS	 Very Good
MySQL	 Excellent
MongoDB	 Excellent
Java	 Very Good
AWS	 Very Good
Django	 Very Good
Bootstrap	 Excellent
Javascript	 Excellent
C#	 Good
Mobile Development	 Excellent

Membership

- Nigeria Computer Society (NCS)
- International Association of Engineers (IAENG)
- Institute of Electrical and Electronics Engineers (IEEE)
- Internet Society of Nigeria (ISOC)
- International Association of Innovation Professionals (IAOIP)
- Journal of Institutional Research, Big Data Analytics and Innovation, Baze University (JIRBDAl)

Certifications

- Research Proposal Writing & Grants Management
- Qualitative Analysis Using Dedoose Software
- Amazon Web Services (AWS)
- Multiple Software Development Certifications
- The Complete Ethical Hacking Certification
- Machine Learning and AI

Publications

- A Bibliometric Analysis of Cloud Computing Security | Journal Number: 4 | Volume Number: 11 | Page Range: 14-30 DOI: | Database: IAEME | Year: 2020
<https://paper.researchbib.com/view/paper/275192>
- A Bibliometric Analysis of Android Security Research | Journal Number: 17 | Volume Number: 3 | Page Range: 14-30 DOI: | Database: Research Gate | Year: 2017
https://www.researchgate.net/publication/354294271_A_Bibliometric_Analysis_of_Android_Security_Research
- Baze Multi Channel Platform | Journal Number: 1 | Volume Number: 1 | Page Range: 1-143 DOI: | Database: Google Scholar | Year: 2015
https://scholar.google.com/citations?view_op=view_citation&hl=en&user=p0L2jJcAAAAJ&citation_for_view=p0L2jJcAAAAJ:9yKSN-GCB0IC

Referee

Available upon request