

Anas Abdullahi

System Administrator, Software Developer



- ICT Directorate, Sokoto State
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- github.com/aamarafa15


Profile

Versatile technology professional with 10+ years of comprehensive experience in software development, system administration, and cybersecurity. Proven track record of designing innovative software solutions, implementing robust cloud infrastructures, and enhancing organizational technological capabilities across higher education and IT sectors.

Education

Masters of Computer Application , Indira Ghandi National Open University Masters of Computer Application	2022 Jul – 2025 Dec Delhi, India
Bachelor of Science in Computer Science , Nims University, India First Class Division	2015 – 2018 Jaipur, India
National Diploma In Computer Science , The Polytechnic of Sokoto State Upper Class Division	2009 – 2011 Sokoto, Nigeria
Senior Secondary School , Government Secondary School, kware Nine (9) Credits	2003 – 2008 Sokoto, Nigeria
Primary Leaving Certificate , Dr. Waziri Junaidu Primary School, Kware Pass	1996 – 2003 Sokoto, Nigeria

Professional Experience

Principal Software Developer , Sokoto State University  <ul style="list-style-type: none">Designed and implemented complex software applications using modern programming frameworksLed technical architecture and design for multiple institutional software projectsDeveloped and maintained Software as a Service (SaaS) platformsImplemented robust cloud infrastructure across organizational ecosystemsConducted comprehensive security assessments and vulnerability analysesMentored junior developers and provided extensive technical guidance	2013 – present Sokoto, Nigeria
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Visiting Lecturer II, Saisa University of Medical Science and Technology [↗](#)

- Delivered engaging lectures, seminars, and tutorials to undergraduate students across [All the Courses related to Computer Science].
- Designed and developed course materials, including syllabi, assignments, and assessments, ensuring alignment with academic standards.
- Supervised undergraduate research projects and dissertations, providing mentorship and academic guidance.
- Conducted original research in [Networking, Artificial Interligents, ,Machine learning, cybersecurity], resulting in few publications in peer-reviewed journals and conference presentations.
- Secured funding through successful grant applications to support research initiatives.
- Contributed to curriculum review and development to enhance program quality and relevance.
- Participated in departmental committees, to support institutional goals.
- Mentored junior faculty members and provided guidance on teaching methodologies and research practices

Key Achievements

- Redesigned of Sokoto State University website (www.ssu.edu.ng)
- Designed Online Examination System for Sokoto State University
- Developed E-Learning Management System (<https://lms.ssu.edu.ng> [↗](#))
- Implemented multiple journal management systems for academic publications
- Optimized network infrastructure and security protocols

Membership of Professional Bodies

Nigerian School of Internet Governance, *Fellow*

Nigeria Computer Society [↗](#), *Member*

MNCS

Canadian Information Processing Society [↗](#), *CIPS Saskatchewan Membership*

Practical Artificail Interlligence Development Foundation, *Member*
(PAIDeF)

International Association of Engineers, *Member*

MIAENG

Cyber Security Experts Association of Nigeria (CSEAN), *Member*

MCSEAN

Core Technical Skills

Web Technologies & Content Management

- WordPress development and customization
- Content Management Systems (CMS) design
- Responsive web design (mobile-first approach)
- Academic publishing platforms (journals, portals, repositories)
- Institutional website redesign and optimization
- SEO-aware web deployment for academic institutions

Programming languages

- Java
- Python
- JavaScript
- C++
- HTML5, CSS3
- SQL (database querying and design)

System Administration & IT Infrastructure

- Linux server administration
- Windows Server administration
- Network infrastructure installation & optimization
- Data center and CBT center deployment
- E-library automation systems
- Server hardening and performance tuning
- User access management and system monitoring

Database & Data Management

- Relational database design and management
- SQL-based data querying and optimization
- Academic data systems (journals, LMS, student systems)
- Secure data storage and access control

Cybersecurity & Networking

- Network design, configuration, and optimization
- LAN, WAN, and campus network management
- Network security implementation
- Vulnerability assessment and security audits
- Virtualization technologies
- Identity and access control systems
- Internet security & privacy management
- Cisco Certified Network Administrator (CCNA)
- Microsoft Certified Systems Engineer (MCSE)

Cloud Computing & DevOps

- Cloud infrastructure design and deployment
- Amazon Web Services (AWS)
- Microsoft Azure
- Google Cloud Platform
- Alibaba Cloud (OSS, server operations)
- Containerization using Docker
- Kubernetes orchestration
- CI/CD pipeline implementation
- Cloud server operation, monitoring, and scaling

Teaching, Research & Academic

- Computer Science curriculum design
- Academic research supervision
- Educational technology systems
- Grant-supported research projects
- Peer-reviewed publication systems
- Academic IT governance and compliance

Languages

- English
- Hausa
- Arabic

Interests

Research, Travelling, Internet Surfing, Watching Movies

Technical Competencies

Software Development & Engineering

- Full-stack web application development
- Software architecture & system design

- SaaS application development and maintenance
- Online examination systems (CBT platforms)
- Learning Management Systems (LMS) development
- Journal Management Systems (OJS-like platforms)
- RESTful application design
- Agile & Scrum software development methodologies
- Microservices-oriented system design

Professional & Cross-Functional Competencies

- Technical leadership & mentoring
- Cross-functional team collaboration
- Problem-solving and analytical thinking
- Technical documentation and system runbooks
- ICT project management
- Stakeholder and institutional IT coordination

Artificial Intelligence & Emerging Technologies

- Artificial Intelligence fundamentals
- Machine Learning concepts
- AI-enabled application development (practical focus)
- Research-driven AI and networking applications
- Applied AI in cybersecurity and systems

Projects Developed

American Chemical Society [↗](https://acs.org/), ACS

<https://acsnigeria.org/> [↗](#)

African Journal of One Health [↗](https://ajoh.org.ng/), AJOH

Design and Implementation of AJOH

<https://ajoh.org.ng/> [↗](#)

2026 Jan – Present

Caliphate Journal of Science and Technology,

Designing and Management of Online Journal Management System

<https://cajost.com.ng>

Prince Abubakar Audu Journal of Science (PaauaJS) [↗](https://paauascience.com.ng/),

Designed and Management of online journal management system

<https://paauascience.com.ng/> [↗](#)

TRANSFORMATIVE MEDIVAL BIOMEDICAL JOURNAL [↗](https://tmbj.org/)

Designed and Developed an Online Journal Management System

<https://tmbj.org/> [↗](#)

2025

Sokoto State University, Head, Web Development Unit ICT SSU

<https://ssu.edu.ng>,

Design and Implementation of Online Examination System

Masters of Computer Application Dissertation

2024 Jun – 2024 Dec

Design of NIMS INTERNATIONAL SCHOOL Website

BSc Computer Science Degree Final year Project Report

2018 Jan – 2018 Jun

Biotechnology Society of Nigeria, Website Design

<https://bsn.com.ng/>

SSU E-Library Automation,

Installation and Configuration of Network Infrastructure

SSU CBT Center, *Design & Deployment of Online CBT Exam Software*

SSU LMS, *Designed and Deployment of E-Learning Management System*


<https://lms.ssu.edu.ng>

Nigerian Journal of Biotechnology, *Designing of Journal Management System*

SOKOTO JOURNAL OF LANGUAGE, LITERATURE AND LINGUISTICS,

(SJOLLL)

Designed and Development

<https://sjolll.org.ng/> 

Camret-OHI Conference Website, *Conference Website*

camretohiconference.org.ng

Pakar Solutions

<https://www.pakarsolutions.com/> 

Sokoto Journal of Geographical Studies


<https://sjgs.org.ng/> 

Borno Journal of Medical Laboratory Science

<https://bojmlsjournal.org.ng/index.php/data/management/settings/context>



Sokoto Journal of Medical Laboratory Science

<https://sokjmls.com.ng/index.php/SJMLS/index> 

Certifications

- Cisco Certified Network Associate
- Microsoft Solution Certified Expert
- Web Development
- Alibaba Aspara Clouder (using OSS to Publish website)
- Cloud Computing
- Android Application Development
- Internet Security
- Fundamental of Designing and Deploying Computer Network
- Google IT Support
- Certified Network Security Specialist
- Alibaba Aspara Clouder (operate and manage A cloud Server)
- Digital Marketing
- Linux Administration
- Nigerian School of Internet Governance
- Privacy
- Digital Footprint

Awards

Certificate of Honor, AINSCA	2018
Award of Honor, All African Student In India Association	2018
Award of Honor, Association of African Students in India	2018

References

Mrs. Anooja A, Associate Professor, NIMS UNIVERSITY JAIPUR
anoojahere@gmail.com

Mr. Salim Yushau, ICT Director, Sokoto State University
saleemyushau@gmail.com

Zayyanu Shehu, Deputy Registrar, Sokoto State University
zayyanushehu60@gmail.com

Declaration

I hereby declare that the statement furnished above is true to the best of my knowledge and belief.