

Anas Abdullahi

Senior Software Engineer / ICT Systems & Cloud Infrastructure Leader

📍 ICT Directorate, Sokoto State University, PMB 2134 Birnin Kebbi Road Sokoto State, Nigeria

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Profile

Principal Software Developer and ICT infrastructure leader with 13+ years designing, building and scaling academic SaaS platforms for a state university including an online examination system, an LMS, and 9+ journal publishing platforms integrated with Crossref DOI registration. Full-stack engineer (Java, Python, JavaScript) with hands-on cloud (AWS, Azure, GCP, Alibaba Cloud) and DevOps (Docker, Kubernetes, CI/CD) experience, plus CCNA-level networking and security expertise. Currently leads SSU's Web Development Unit, *overseeing a team of 8 developers and systems supporting 15,000+ students and 1,200+ staff.*

Professional Experience

Principal Software Developer, Sokoto State University — ICT Directorate 	2013 – present Sokoto, Nigeria
- Designed and built 9+ institutional software platforms (online examination system, LMS, multi-journal publishing systems) in Java/Python/JavaScript, serving 15,000+ students and 9 academic journals - Led technical architecture for SSU's SaaS platforms, cutting exam result processing time by roughly 60% versus the previous manual/paper-based system - Deployed and operate cloud infrastructure across AWS, Azure, GCP and Alibaba Cloud, maintaining 99.5%+ uptime across the LMS, CBT and journal platforms - Ran security assessments and vulnerability audits across university systems, covering 10+ production systems and reducing reported security incidents by an estimated 40% - Head, Web Development Unit — mentored a team of 6–8 junior developers and directed institutional web/software delivery	
Visiting Lecturer II — Faculty Examination Officer, Saïsa University of Medical Sciences and Technology	2024 Jan Sokoto
- Designed and delivered Computer Science curriculum and course materials to roughly 100–150 undergraduate students per semester - Supervised 10–15 undergraduate research projects/dissertations in networking, AI, ML and cybersecurity	
CEO, Marafa IT Solutions and Consultancy Managing and Coordinating Daily Activities of the Company	

Education

Masters of Computer Application, Indira Gandhi National Open University, Delhi, India Distiction	2022 Jul – 2025 Dec Delhi, India
Bachelor of Science in Computer Science, Nims University, Jaipur, 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

Core Technical Skills

Languages & Frameworks:

Java, Python, JavaScript, C++, HTML5/CSS3, SQL, RESTful APIs

Platforms

SaaS architecture, LMS & CBT/online-exam systems, OJS-style journal management systems, WordPress/CMS, microservices

Cloud & DevOps

AWS, Azure, GCP, Alibaba Cloud, Docker, Kubernetes, CI/CD pipelines

Leadership

Technical architecture, engineering mentorship, ICT project management, stakeholder coordination

Certificates

- Cisco Certified Network Associate (CCNA)
- Microsoft Certified Systems Engineer (MCSE)
- Google IT Support & IT Security (Google Career Certificates)
- Alibaba Cloud Apsara Clouder (OSS deployment & cloud server operations)
- Linux Administration
- Certified Network Security Specialist
- CSEAN Master Class — Digital Forensics, Ethical Hacking & Incident Response
- Research Methodology, Data Analysis & Publication (Maryam Abacha American University)

Professional Memberships & Awards

- Fellow, Nigerian School of Internet Governance
- Member, Nigeria Computer Society (MNCS)
- Member, Cyber Security Experts Association of Nigeria (MCSEAN)
- Member, International Association of Engineers (MIAENG)
- Member, Practical Artificial Intelligence Development Foundation (Paidf)
- CIPS Saskatchewan (Canada)
- Awards: Certificate/Award of Honor — Association of African Students in India (AAISA/AINSCA), 2018

Key Projects

- **SSU Online Examination System (CBT)** — designed and deployed university-wide computer-based testing platform processing *an estimated 50,000+ exam sittings annually for 15,000+ students*
 - **SSU E-Learning Management System (lms.ssu.edu.ng [↗](#))** — built and deployed institutional LMS supporting *roughly 200+ courses and 15,000+ students*
 - **Multi-Journal Publishing Platform (9+ journals)** — designed and launched OJS-style systems for SJMLS, AJOH, CAJOST, PaaauJS, TMBJ, SJOLLL, SJGS, Nigerian Journal of Biotechnology and Borno JMLS, with Crossref DOI integration
 - **SSU Institutional Website Redesign (ssu.edu.ng [↗](#))** — rebuilt the university's public site, *cutting page load time by an estimated 40% and improving mobile usability*
 - **SSU E-Library & Campus Network Infrastructure** — installed and configured network infrastructure supporting *an estimated 10+ campus buildings and 5,000+ concurrent users*
 - **CAMRET-OHI International Conference Platform** — designed and deployed the conference website for this international academic conference
- Additional: institutional/NGO sites for the Biotechnology Society of Nigeria, American Chemical Society Nigeria, Pakar Solutions, and NIMS International School.*

Publications

Enhancing Optimization Stability in Deep Machine Learning-Based Intelligent Time Series Forecasting: A Systematic Review of Gradient Clipping Techniques [↗](#), *Caliphate Journal of Science and Technology (Cajost)*
Shehu M. SarkinTudu , Anas Abdullahi, Anas T. Balarabe, Mahmood Umar, Salisu Modi, Urwatu Lawal, Naseer S. Ajoge, Sameera O. Barraood
<https://dx.doi.org/10.4314/cajost.v8i2.3> [↗](#)

Design and Implementation of a Secure and Scalable Online Examination System for Nigerian Universities [↗](#), *Cajost*
Anas Abdullahi , Abdulrazak Abubakar , Urwatu Lawal
<https://doi.org/10.65760/ignou/mcaol.2254419559> [↗](#)

References

Mrs. Anooja A, Associate Professor, NIMS UNIVERSITY JAIPUR
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Mr. Salim Yushau, ICT Director, Sokoto State University
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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.


