

DENNIS OSESOM NWAOKOLO

Software Engineer | DevOps | Aspiring Graduate Student (Computer Science / Business Analytics)
Abuja, Nigeria

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PROFILE SUMMARY

Highly motivated software engineer and DevOps practitioner with over 3 years of hands-on experience building, deploying, and maintaining scalable web and enterprise systems. Strong foundation in computer science fundamentals, systems analysis, and cloud computing, with proven ability to translate technical solutions into business and operational impact. Seeking admission to a Master's program in Computer Science or Business Analytics to deepen expertise in advanced computing, data-driven decision-making, and applied systems design.

TECHNICAL SKILLS

Programming & Development: Python, Java, C++, MERN Stack (MongoDB, Express, React, Node.js)
DevOps & Cloud: Docker, Kubernetes, Jenkins, CI/CD pipelines, AWS (Cloud Practitioner), Terraform
(basic) Data & Systems: SQL (working knowledge), Excel (dashboards & analysis), ERP Systems, SAP
(reporting) Systems & Architecture: System Analysis & Design, Computer Hardware Architecture,
Networking Fundamentals
Tools & Platforms: Git/GitHub, Vercel, Render, Linux, Clickup, Jira, Slack

PROFESSIONAL EXPERIENCE

Software Developer

Pino Rising Ventures – Abuja, Nigeria

Apr 2025 – Present - Designed, developed, and maintained full-stack web applications using modern JavaScript frameworks and RESTful APIs to support internal and client-facing systems. - Architected backend services with a focus on scalability, security, and performance, following best practices in software engineering. - Led deployment and release processes, including environment configuration, version control, and post-deployment monitoring. - Performed system debugging, performance tuning, and refactoring, reducing application errors and improving response times. - Authored technical documentation covering system architecture, APIs, and deployment workflows to support maintainability and knowledge transfer.

Software Developer

Lento Aluminium – Abuja, Nigeria

Feb 2025 – Aug 2025 - Developed and enhanced enterprise-grade applications supporting internal ERP and operational workflows. - Integrated backend services with databases and internal systems to ensure data integrity and reliable transaction processing. - Collaborated with business stakeholders to translate requirements into technical specifications and implemented solutions. - Supported application lifecycle activities including feature development, testing, deployment, and production support. - Troubleshot complex software and system issues across applications, databases, and infrastructure layers.

DevOps Intern

GMT Software – Abuja, Nigeria

Nov 2024 – Feb 2025 - Built and maintained CI/CD pipelines using GitHub Actions and Jenkins, automating build, test, and deployment processes. - Containerized applications using Docker and managed service orchestration with Kubernetes. - Implemented environment-specific deployment strategies for frontend and backend services using Vercel and Render. - Assisted in infrastructure automation and configuration management, improving deployment consistency and reliability. - Worked closely with software engineers to optimize development-to-production workflows.

Network Engineer

NNPC Pension Fund Limited – Abuja, Nigeria

Nov 2023 – Present - Supported enterprise IT systems through hardware diagnostics, systems maintenance, and network configuration. - Analyzed operational datasets and built Excel-based dashboards to support internal reporting and decision-making. - Utilized SAP for monthly system documentation, reporting, and data validation. - Contributed to initiatives that improved system uptime, reliability, and data accuracy.

EDUCATION

Bachelor of Science (BSc)

Nile University of Nigeria,

Abuja Sep 2019 – Nov 2023

Relevant Coursework:

- System Analysis and Design
 - Computer Hardware Architecture
 - Data Structures & Programming Concepts
 - Mobile Application Development
 - Databases & Information Systems
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CERTIFICATIONS

- AWS Certified Cloud Practitioner (2025)
 - GMT Certified DevOps Engineer (2024–2025)
 - Full MERN Stack Development Certification – Neo Cloud Technology (2024)
 - Logic in Artificial Intelligence – Udemy (2023)
 - Python Programming Certificate – Kings Computer School (2019)
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ACADEMIC & TECHNICAL PROJECTS (SELECTED)

- Developed and deployed full-stack web Real-Estate applications using MERN architecture, integrating authentication, APIs, and database management.
 - Collaborated with a team to develop a spotify music app (Sonder).
 - I worked collaboratively with my school team to build an accessible web banking application optimized for users with color blindness.
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ACADEMIC & PROFESSIONAL INTERESTS

- Software Engineering
 - Cloud Computing & DevOps Architecture
 - Solution Architect.
 - Data Analytics & Business Intelligence
 - Applied Machine Learning & Intelligent Systems
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ADDITIONAL INFORMATION

- Strong analytical, problem-solving, and documentation skills
- Experience working in enterprise and startup environments
- Actively engaged in continuous learning and professional development
- Team collaborative and good communication skills.