

SHUAIB YUSUF SHUAIB

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EDUCATION

NORTHWEST UNIVERSITY

Bachelor of Science

Major in Computer Science

Cumulative GPA: 4.69/5.0

Relevant Coursework: Computer Architecture, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

Kano, Nigeria

Expected April 2029

WORK EXPERIENCE

FLEXISAF EDUSOFT LIMITED

Backend Developer Intern

Kano, Nigeria

Jan 2026 – Present

- Participating in technical onboarding to align with the company's architectural standards and development workflows
- Learning and applying best practices in backend development within a professional, fast-paced team environment

PROJECTS

FLINTDB - NOSQL DATABASE ENGINE

Nov 2024

- Engineered a lightweight database engine in PHP and Python to handle data storage through a flat-file system instead of a traditional server
- Developed the core storage and retrieval logic to ensure the engine remains portable and easy to integrate into minimal backend environments

BOIDCMS - OPEN SOURCE CONTENT MANAGEMENT SYSTEM

Jul 2022

- Replicated the architecture of a flat-file CMS to gain a deep understanding of how systems manage content and routing without a traditional database
- Engineered a custom API plugin to enable external applications to interact with the CMS, improving its extensibility and integration capabilities

FEES & RECEIPTS API - STUDENT FINANCE MANAGEMENT

Apr 2026

- Engineered a scalable Spring Boot architecture utilizing a layered pattern of Controllers, Services, and Repositories to ensure a clean separation of concerns and long-term maintainability
- Designed an idempotent payment processing logic using unique transaction keys and checksums to eliminate duplicate charges and guarantee financial data integrity

ACTIVITIES

COWRYWISE

Campus Lead

Kano, Nigeria

Dec 2025 – Present

- Promoting financial literacy and savings culture within the student community through peer engagement and campus outreach initiatives

SKILLS

Programming Languages: Java, Python, PHP, JavaScript (ES6+)

Frameworks & Libraries: Spring Boot, FastAPI, WordPress

Databases & APIs: PostgreSQL, SQL, RESTful APIs, JSON

DevOps & Tools: Docker, Git, GitHub, Bash

Web Technologies: HTML5, CSS3

Certifications: Intermediate Python (DataCamp), Intermediate Java (DataCamp), Intermediate SQL (DataCamp)