ODOH TOCHUKWU PAUL

BACKEND SOFTWARE ENGINEER

Email: tochukwuodoh03@gmail.com | Phone: +2347068670947
Portfolio site: https://odoh-tc.github.io/portfolio/
Github: https://github.com/odoh-tc
LinkedIn: https://www.linkedin.com/in/odoh-tc/

PROFESSIONAL SUMMARY

Backend Developer with expertise in creating backend solutions and writing scalable and maintainable code using FastAPI, Python, and related frameworks and libraries. Possesses strong problem-solving skills and is a collaborative team player with a focus on delivering high-quality, user-centric experiences. Dedicated to staying current with the latest technologies to ensure optimal user experience.

WORK HISTORY AND EXPERIENCE

HNG – Backend Intern

June 2024 | Remote, Nigeria

- Developed scalable backend systems with FastAPI.
- Collaborated with cross-functional teams to define API requirements.
- Created robust, RESTful APIs for seamless frontend-backend communication.
- Optimized database schemas for better data storage and retrieval.
- Managed data using ORMs and implemented data migration scripts.
- Enhanced data retrieval speed with caching and indexing.
- Implemented strong security measures, including authentication and encryption.
- Wrote clean, maintainable code following best practices.
- Automated testing and deployment with CI/CD pipelines.
- Maintained detailed technical documentation.
- Participated in Agile methodologies and sprint planning.

EDUCATION

ALTSchool Africa
September 2023 - Present
School of Software Engineering
Backend Track

ALX, Westland, Nairobi, Kenya
February 2023 - April 2024
Full Stack Software Engineering: Linux Administration, Frontend Engineering,
Backend Engineering, DevOps.

University of Nigeria, Nsukka, Enugu State, Nigeria
September 2015 - July 2021
Bachelor of Pharmacy (B.Pharm)

CERTIFICATIONS

ALX Software Engineering
April 2024
[Verification Link]

Docker and Kubernetes
March 2024
Provided by HNG
[Verification Link]

FastAPI Course
May 2024
Udemy
[Verification Link]

TECHNICAL AND SOFT SKILLS

Technical skills:
- Programming Languages: Bash, Javascript, Python, HTML & CSS
- Frameworks & Libraries: FastAPI, React
- Databases: MongoDB, PostgreSQL, MySQL
- Security: JWT, OAUTH, SQL injection
- Version Controls: Git, Github
- Testing frameworks: Unit testing, TDD
- Documentation: SwaggerUI, PostMan

Soft skills:
• Teamwork • effective communication • analytical skills • learning and sharing ideas • problem solving
• self-motivated • detail-oriented • innovative • collaborative • time management