

STEPHEN NWANKWO

Software Engineer - Backend

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Website, Portfolio

- [LinkedIn](#)
- [Github](#)

Professional Summary

Goal-oriented and collaborative Backend Engineer with 4 years of experience. Career highlights include engineering and deploying scalable backend systems by leveraging modern architectures, boosting system performance, and reducing server costs through optimized resource allocation.

Education

Mechatronics Engineering(B.ENG)

03/2024

University of Nigeria

Skills

- Detail-oriented
- Excellent communication skills (English: Advanced)
- Ability to accept constructive criticism
- Problem-Solving
- Teamwork and Collaboration
- Time Management
- Version control with Git
- Understanding of serverless architecture
- Understanding of Agile methodologies
- Experience with performance optimization
- Knowledge of AWS services
- Proficiency in Python Experience with Node.js
- API Design and Development SOAP and RESTful Web Services
- AI/ML Frameworks: OpenCV, NLP, RAG, LLM.
- Python Frameworks: Django, FastAPI, Flask
- JS Frameworks: React, NodeJs, TypeScript.

Experience

Backend Engineer

04/2024 to Current

Cospire – Remote Lagos, Nigeria

- Architected and built an application to manage and facilitate the onboarding of workspaces, increasing customer onboarding by 75%.
- Developed a secure payment system to facilitate payment operations, increasing customer trust by 60%.
- Designed and managed a robust booking platform, enhancing system security and improving booking efficiency, resulting in a 30% increase in successful reservations and a 20% reduction in processing time. - Seamlessly integrated 3rd party payment application to facilitate payment and wallet features.
- Tech stack: NodeJs, Typescript, Firebase.

Backend Engineer

09/2022 to 04/2024

Blug– Remote, Nigeria

- Developed and maintained RESTful APIs using Python and Django Rest Frame Work.
- Optimized database queries in PotgresQlfor improved performance, increasing application speed by 35%. - Collaborated with front-end developers to integrate APIs.
- Designed and deployed scalable media upload applications on AWS.
- Tech stack: Python, Django, Linear, Postgres.

Projects

- Voxclips - As a backend developer, I co-led a team of engineers and designers to build an entertainment-tech platform to increase the audience for podcast creators and entertainers.
- UNIX Shell - Developed a command line application that replicates the operation of the Unix shell found in Windows, Linux, and macOS.
- Fyyur - Using Python, Flask, and Ionic, I developed a social platform where artists can book venues and venue owners can book artists, similar to a Tinder for artists, connecting artists and event organizers.
- Hackathon and Conference for GenZs - I collaborated with teenagers and youths from different fields, and locations to host a community event, with over 800 participants.