AKAN NKEREUWEM

Backend Developer — Python Engineer — API Developer

akannkereuwem@gmail.com — github.com/akannkereuwem1 — Nigeria — Open to Remote

PROFESSIONAL SUMMARY

Backend Developer with 4 years of hands-on experience building, deploying, and maintaining production APIs and distributed systems. Proven track record optimizing database performance, implementing secure authentication, and delivering well-tested systems with 85%+ code coverage. Seeking mid-level backend role to contribute to scalable systems while continuing to grow technical expertise.

PROFESSIONAL EXPERIENCE

Backend Developer — Orpion Tech   *2022 – Present*
Architected and maintained production APIs and backend systems

- Designed and deployed RESTful APIs serving 50K+ monthly active users across platforms
- Optimized database performance by 60% through strategic indexing and query optimization
- Led Docker containerization, reducing deployment time from hours to minutes
- Implemented JWT authentication, RBAC, and security best practices across microservices
- Established testing culture achieving 85% code coverage, reducing bugs by 40%
- Collaborated with cross-functional teams translating requirements into solutions

TECHNICAL SKILLS

Languages: Python, JavaScript, Dart, Java, Go,
Backend Frameworks: Django, Django REST Framework, FastAPI, Flask, Express.js
Databases: PostgreSQL, MySQL, SQLite, Redis
DevOps & Cloud: Docker, Kubernetes, GitHub Actions, AWS S3, Cloudinary
Testing: pytest, unittest, Selenium, TDD methodology
Frontend & Mobile: React.js, Flutter, Streamlit
Additional: JWT/OAuth 2.0, Celery, Web Scraping, Blockchain (STORY Protocol), Swagger/OpenAPI

EDUCATION

Bachelor of Science in Computer Science   Expected 2027
Current GPA: 4.5/5.0 — Focus: Software Engineering, Data Structures, Database Systems

Certifications
Data Structures & Algorithms Specialization – Coursera (2024)
Software Development Professional Certificate – Digital for All (2023)

KEY ACHIEVEMENTS

- 1st Place Hackathon Winner – STORY Protocol Blockchain Hackathon (2025). Built decentralized e-commerce platform with on-chain verification deployed to production.
- Delivered production APIs handling 10K+ requests/day with 99.9% uptime
- Reduced infrastructure costs by 30% through database and query optimization
- Improved deployment speed by 10x through CI/CD automation with GitHub Actions
- Achieved 85%+ test coverage across all production codebases with zero critical bugs in 18+ months

FEATURED PROJECTS

AFE E-Commerce (Blockchain) – Decentralized e-commerce with on-chain verification. 1st place hackathon winner. Deploy to production at afe-ecommerce-onchain.vercel.app.

WriteFlow API – Flask REST API handling 5,000+ concurrent users. 65% query optimization. 85% test coverage. Full OpenAPI documentation.

Socially – Full-stack social media platform. FastAPI backend with Streamlit frontend. 70% image optimization. Real-time feeds with secure post management.