

DANIEL OKAFOR

Senior Backend Engineer

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SUMMARY

Backend engineer with 10 years of experience building high-throughput distributed systems in logistics and food delivery. Strong background in Go, Python and event-driven architectures on AWS. Enjoys mentoring and turning legacy monoliths into reliable services.

PROFESSIONAL EXPERIENCE

Deliveroo

London, UK

Senior Backend Engineer

Jan 2022 – Present

- Led the migration of the order-dispatch service from a Python monolith to Go microservices on Kubernetes (Amazon EKS), cutting p99 latency by 38%.
- Designed an event-driven architecture based on Apache Kafka processing 40k events per second at peak.
- Mentored 4 engineers and ran the backend interview loop for the logistics tribe.
- Introduced contract testing with Pact and reduced integration incidents by half.

Backend Engineer

Jun 2019 – Dec 2021

- Built the payment reconciliation pipeline in Python and PostgreSQL, reconciling £2bn of annual transactions.
- Automated infrastructure provisioning with Terraform and GitHub Actions.

Ocado Technology

Hatfield, UK

Software Engineer

Sep 2016 – May 2019

- Developed Java / Spring Boot services controlling warehouse robots, communicating over gRPC.
- Improved the simulation test harness, reducing release validation time from 3 days to 6 hours.
- On-call rotation for a 24/7 production system with 99.95% availability target.

Self-employed

Lagos, Nigeria

Freelance Web Developer

2014 – 2016

- Delivered WordPress and Django websites for 12 small businesses, including hosting and maintenance.

EDUCATION

The University of Manchester

2015 – 2016

MSc Advanced Computer Science — Distinction

University of Lagos

2010 – 2014

BSc Computer Engineering — First Class Honours

CERTIFICATIONS

- AWS Certified Solutions Architect – Associate (2021)
- Certified Kubernetes Application Developer – CKAD (2023)

TECHNICAL SKILLS

- **Languages:** Go, Python, Java, SQL
- **Infrastructure:** AWS, Kubernetes, Terraform, Docker, GitHub Actions
- **Data & messaging:** PostgreSQL, Apache Kafka, Redis, gRPC
- **Practices:** microservices, event-driven design, observability (Prometheus, Grafana), code review

LANGUAGES

English (bilingual) · Yoruba (native) · French (intermediate, B1)

TALKS & OPEN SOURCE

- Speaker, GopherCon UK 2023 — “Taming backpressure in Go services”.
- Maintainer of *kafka-replay*, an open-source tool to replay Kafka topics (1.2k GitHub stars).

AWARDS

Deliveroo Engineering Excellence Award (2023)