

MOHRI SAMUEL MUAKPO

Product Lead | Fullstack & Cloud Engineer | Technical Strategist

Lagos, Nigeria • Remote

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GitHub: github.com/SamMuaks2

PROFILE SUMMARY

Product-focused Fullstack & Cloud Engineer with 3+ years of experience building and supporting scalable, high-availability applications across gaming-like distributed architectures. Strong background in designing API-driven systems, improving backend performance, and delivering cloud-native solutions used by enterprise clients.

Known for combining technical depth with product thinking, translating user needs into engineering requirements, improving system reliability, and collaborating with cross-functional teams to deliver high-impact features. Experienced in microservices, frontend frameworks, DevOps automation, cloud platforms (Azure & AWS), and performance optimization. Fast learner, excellent communicator, and strong ownership mindset.

CORE SKILLS

Product & Leadership Skills

- Product lifecycle management
- Feature planning & prioritization
- Cross-functional collaboration (engineering, design, QA)
- User pain-point analysis & requirements gathering
- Technical-product documentation
- Data-driven decision making

- Stakeholder communication

Software Engineering

- JavaScript (ES6+), TypeScript, Python, C
- React.js, Next.js, Node.js, Express, Flask
- Microservices & event-driven architecture
- API development, scaling, and optimization

Cloud & DevOps

- Docker, Kubernetes, Helm
- GitOps (Flux), GitHub Actions, Azure DevOps
- Azure (APIM, App Services), AWS (EC2, IAM, S3, VPC)
- Observability: Prometheus, Grafana, Azure Monitor
- Linux systems, Nginx, infrastructure troubleshooting

Databases

- MongoDB, MySQL, Firebase, Redis

PROFESSIONAL EXPERIENCE

Product-Facing Technical Support Engineer II – Azure API Management

Teknowledge (Seconded to Microsoft) — Lagos, Nigeria
Aug 2024 – Present

- Acted as a technical product advisor to enterprise clients by analyzing API performance issues, identifying root causes, and recommending architecture improvements.

- Improved client satisfaction by **40%** through clear communication, structured problem-solving, and issue ownership.
- Reduced downtime by **30%** for financial microservices by optimizing distributed system configurations.
- Improved API throughput and reduced latency by **25%** across multiple high-traffic workloads.
- Collaborated with Microsoft engineering teams to refine product behavior, report product bugs, and enhance backend reliability.
- Helped customers adopt best practices around **RBAC, security, observability, versioning, and CI/CD integration**.
- Translated customer pain points into actionable insights that influenced product usage and configuration.

Key Technologies: Azure APIM, ARM Templates, API Gateways, Docker, Linux, CI/CD, Distributed Systems, Cloud Monitoring

Frontend Engineer (React.js)

Nexabit — Remote
Jun 2024 – Jul 2024

- Collaborated with designers and backend engineers to develop product UI flows for fintech applications, increasing user engagement by **35%**.
- Enhanced product performance by reducing UI errors by **60%** and improving page speed by **20%**.
- Introduced reusable UI components and improved frontend structure for long-term scalability.
- Provided product-driven recommendations that shaped UX and feature improvements.

Key Technologies: React.js, JavaScript, REST APIs, GitHub Actions, CSS Frameworks

Web Development Instructor

Colab — Lagos, Nigeria

Jun 2023 – Aug 2023

- Led students through end-to-end product development cycles for small web applications.
- Improved student project efficiency by **40%** through structured planning and technical mentorship.
- Taught foundational engineering and product thinking aligned with real-world expectations.

PROJECT EXPERIENCE

Cloud-Native Microservices & Product Systems

- Designed and built microservices-based React + Node.js platforms with authentication, admin dashboards, and real-time data.
- Integrated Firebase and MongoDB for scalable user management workflows.
- Developed internal tools that improved monitoring, alerts, and product reliability.

DevOps & System Reliability Initiatives

- Automated CI/CD pipelines using GitHub Actions and Azure DevOps.
- Containerized applications with Docker; deployed via Kubernetes and Helm.
- Set up observability dashboards to monitor product health, performance, and usage patterns.

Portfolio: github.com/SamMuaks2

EDUCATION

ALX Africa - Software Engineering (Frontend Specialization)
Nairobi, Kenya • 2023

B.Sc. Microbiology
Kaduna State University - Kaduna, Nigeria • 2018

CERTIFICATIONS

- Microsoft Azure API Management Developer – L100, L200
- GitHub Foundations Certification
- ALX Software Engineering

TOOLS & TECHNOLOGIES

Docker • Kubernetes • Helm • GitOps • Next.js • Linux • Azure • AWS • Terraform (Basic) •
Microservices • Cloud Security • Observability • CI/CD • API Design • n8n Automation • Make
(Integromat)