Chibuzor Ossai

DevOps & Cloud Engineer

ossaichibuzoralex@gmail.com · +234 814 537 6489 · Nigeria (UTC+1) · Open to remote work and relocation
linkedin.com/in/ossai-chibuzor-0859451ba · github.com/thepm-cpu

PROFILE

DevOps engineer with paid, hands-on experience automating and securing Linux servers, running Docker workloads behind Nginx, and setting up monitoring and CI/CD. Worked remotely for a software company from 2022 to 2026, alongside a B.Eng in Mechanical Engineering. Looking for a DevOps, cloud or site reliability role, remote or on-site.

EXPERIENCE

DevOps Engineer — Array Software Solutions Ltd, Remote — Feb 2022 – Jan 2026

- Wrote a reusable Bash script that prepares a new VPS in one run — OS updates, Docker and Docker Compose, Nginx, UFW firewall, Netdata monitoring and SSH hardening — so every server gets the same, repeatable setup.
- Set up persistent, environment-specific API logging for production and QA, making faults faster to trace.
- Configured Nginx as a reverse proxy with auto-renewing Let's Encrypt certificates, and made Docker and Netdata restart automatically after reboots to keep services up.
- Reduced the attack surface by closing unused ports and blocking direct public IP and port access to services.
- Added deployment automation with GitHub Actions to the company's DevOps repository.

Freelance DevOps Engineer — Small business clients, Remote — Jan 2024 – Jan 2026

- Deployed and hosted a client's web-scraping bot on a cloud server, scheduled to collect data and send the client routine updates automatically.
- Set up cloud servers, Docker deployments, GitHub Actions pipelines and Prometheus/Grafana monitoring for client projects.

Owner — Solar & Electronics Shop, Ankpa, Kogi State — Nov 2025 – Present

- Run a registered retail and installation business; grew stock value by about 33% in under a year.
- Size and install solar power systems — panels, batteries and hybrid inverters — for homes and small businesses.

PERSONAL PROJECTS

- **Market data pipeline:** Python pipeline that turns weekly CFTC Commitments of Traders reports and CME currency futures data (open interest, order-flow delta) into weekly tables for 7 currencies; used every week. Cloud setup: Docker, AWS infrastructure in Terraform (VPC, EC2, IAM, S3, ECR, SSM), GitHub Actions deployment with OIDC, and a Telegram bot for results, reruns and failure alerts; 41 automated tests.
- **Backtest engine** (github.com/thepm-cpu/orb-backtest-engine): Python engine with a random-walk validation check, which caught a look-ahead bug that had inflated results.
- **AWS with Terraform:** VPC, EC2 auto-scaling and security groups, provisioned entirely as code.
- **CI/CD:** GitHub Actions pipeline that builds and deploys a Dockerised Node.js app with environment-specific configuration.
- **Secure web stack:** reverse-proxy setups with Nginx, Caddy and Traefik, TLS, UFW and Fail2Ban.
- **Kubernetes:** multi-node local cluster (kind, Minikube) with Deployments and Services, used to practise scaling containerised apps.

SKILLS

Cloud & Linux	AWS (EC2, VPC, IAM, S3, SSM), DigitalOcean, Hetzner, Linux server administration
Containers	Docker, Docker Compose, Kubernetes (kind, Minikube)
Infrastructure as Code	Terraform, Ansible, CloudFormation
CI/CD	GitHub Actions, Jenkins (basic)
Monitoring & Logging	Prometheus, Grafana, Netdata, ELK Stack
Security	UFW, Fail2Ban, SSH hardening, Nginx reverse proxy, Let's Encrypt
Scripting & Data	Bash, Python, YAML, Git; PostgreSQL, MySQL, MongoDB (basic)
Languages	English (fluent)

EDUCATION

B.Eng, Mechanical Engineering — University of Nigeria, Nsukka (UNN) — 2025