

JEREMIAH AGEH

Senior Software Engineer — Backend & DevOps

agejerry442@gmail.com | +234 813 384 4186 | Abuja, Nigeria (WAT, UTC+1)

linkedin.com/in/jeremiah-ageh-318a3583 | github.com/elbrainz1759

Remote | 6+ hrs overlap with EST, full overlap with GMT/CET | B.Eng (Electrical & Electronics) | 9 Yrs. Experience

Software Engineer with 7+ years of experience building, deploying and supporting production systems, with a strong focus on JavaScript/TypeScript, Node.js, React and database-driven applications. Hands-on across the MERN stack (MongoDB, Express, React, Node.js), NestJS, MySQL and PostgreSQL, with additional experience in AWS/GCP, Docker, Kubernetes, CI/CD, Linux, REST APIs, authentication/RBAC and production troubleshooting. Experienced delivering enterprise applications end-to-end—from architecture and backend/API development through deployment, monitoring, debugging and ongoing operations.

SKILLS

Backend: Node.js, NestJS, Express, TypeScript, JavaScript, REST API design, microservices, JWT/OAuth, RBAC, PHP

Frontend & Mobile: React.js, Next.js, React Native, responsive UI, state management

Databases: MongoDB, MySQL, PostgreSQL, schema design, query optimization, migrations, backup & recovery

Cloud & DevOps: AWS (EC2, RDS, S3, IAM, VPC, Route 53), GCP, Docker, Kubernetes, Terraform, CI/CD pipelines, Linux, Nginx, Git

Observability & Ops: Prometheus, Grafana, logging, monitoring, incident management, root-cause analysis, production support

Infrastructure & Security: Networking (LAN/WAN/VPN/DNS), firewalls, identity & access management, data protection compliance (NDPA, GDPR)

WORK EXPERIENCE

Country ICT & Systems Development Coordinator

Prosper Global (formerly Mercy Corps) — Nigeria & Liberia | July 2024 – Present

- Own ICT operations, software systems, cloud services and infrastructure supporting 1,000+ users across 40 offices in five countries.
- Design, build and deploy production applications for HR, logistics, fleet and asset-management workflows — database schema through REST API to React front end.
- Operate AWS-hosted workloads (EC2, RDS, S3, IAM, VPC): deployments, storage, networking, cost control and production troubleshooting.
- Containerise services with Docker and run them on Kubernetes; build and maintain CI/CD pipelines for automated build, test and release.
- Develop backend services and REST APIs in Node.js, NestJS and TypeScript against MySQL and MongoDB, with authentication, RBAC and audit logging.
- Diagnose production incidents spanning application, database, network and infrastructure layers; drive root-cause analysis and preventive fixes.
- Serve as Data Protection Officer (NDPA/GDPR compliance, external audit, access control); supervise and mentor ICT engineers and developers across both offices.

ICT Consultant

Policy Innovation Centre — Nigeria | October 2025 – April 2026 | Concurrent engagement

- Led systems analysis and technical design for a travel and logistics management platform covering roughly 50 staff trips per week across multiple offices.
- Authored the software requirements document and designed the relational database schema, API surface and approval workflow for the platform, ahead of build.
- Advised on server, network and enterprise systems support across offices and field locations.

Software Development Engineer

Mercy Corps — Sudan & Kenya | August 2024 – December 2024 | Short-term assignment

- Built secure backend services for HR and operational workflows across two country programmes.
- Designed REST APIs, database integrations, authentication and access-control mechanisms.
- Handled deployment, production troubleshooting and ongoing maintenance of delivered systems.

- Produced technical documentation and mentored local engineering teams to take over support.

Senior ICT & Software Development Engineer

Mercy Corps — Nigeria | August 2022 – June 2024

- Delivered and supported internal platforms for logistics, transport and administrative workflows.
- Led the country-wide migration of 2,000+ accounts and mailboxes from Google Workspace to Microsoft 365, covering identity, mail and file migration with no loss of service.
- Implemented secure authentication and role-based access control across internal applications.

ICT Consultant

Economic and Financial Crimes Commission (EFCC) — Nigeria | April 2021 – October 2021

EagleEye — public crime-reporting platform

- Delivered the platform end to end: React.js web client, React Native iOS/Android app, and Node.js/Express + MongoDB backend.
- Designed the REST API and data model for reports, evidence uploads and routing to investigative units, with role-based access separating public reporters from internal reviewers and support for anonymous submissions.

Case Manager — centralised case & petition management

- Contributed backend development (Node.js, PHP, MySQL) to a system consolidating case and petition handling across six zonal offices for a commission of 3,000+ staff.
- Modelled relational schemas for cases, petitioners and officer assignments, with audit trails and management reporting on case volume and ageing.

ICT Engineer / Developer

Mercy Corps — Mali & Ethiopia | September 2021 – December 2021 | Short-term assignment

- Deployed and supported asset-management and accountability platforms across two country programmes; trained staff on secure system use and data handling.

ICT & Software Development Assistant

Mercy Corps — Nigeria | January 2019 – June 2022

- Maintained ICT systems, servers and databases supporting country-wide operations.

Earlier roles

- ICT & Web Development Officer, Ter Global Services Ltd (2017–2018) · Systems Engineer, Glomus Global Services (2016–2018) · Electrical & Transmission Team, Cross River Broadcasting Commission / NYSC (2016–2017) · Microwave Engineering Intern, Huawei Technologies (2014–2015).

SELECTED PROJECTS

- **peopleCentral** — *NestJS, TypeScript, MySQL, Next.js, AWS, Docker*. HR management platform designed, built and deployed solo. Live with 100 users in the Nigeria country office, scaling to additional country offices from January 2027. Employee records, leave, approvals and payroll inputs; JWT auth with role-based access; automated test suite and CI/CD pipeline to AWS.
- **securityGuards** — *NestJS, Docker, Terraform, AWS, Prometheus, Grafana*. Backend service built as a full DevOps reference stack — Terraform-provisioned AWS infrastructure, containerised deployment, CI/CD, and metrics/alerting through Prometheus and Grafana.
- **EagleEye & Case Manager** — *React, React Native, Node.js, MongoDB, MySQL*. Crime-reporting and case-management systems delivered for the EFCC — see Work Experience above.

EDUCATION & CERTIFICATIONS

- M.Sc. Information Technology — MIVA Open University (in progress, expected 2027)
- B.Eng. Electrical & Electronics Engineering — Second Class Upper (2016).
- COREN-Registered Engineer, MNSE, MNIEEE
- Google Cloud Associate Cloud Engineer · AWS Certified Cloud Practitioner (2023) · CKAD (in progress) · Oracle Certified Professional, Developer (2025) · Oracle Certified AI Associate (2025) · CompTIA A+ (2026) · Google IT Support Professional (2026)