

Brian Mutai

[my Gmail](#) | [github.com](#) | [LinkedIn profile](#) | [tel:+254769694566](#) | [portfolio website](#)

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML/CSS, Python, Bash

Frameworks: Next.js, React, Node.js, Express, Nest.js

Developer Tools & Testing: Git, Visual Studio Code, Jest

Styling & UI: Tailwind CSS, shadcn/ui, Framer Motion, D3.js, React Leaflet

Queuing & Streaming: Kafka, AWS SQS

Database: MongoDB, PostgreSQL, Firebase, Redis

Devops: AWS, Docker, Kubernetes

AI & Tools: Vercel AI SDK, Google Gemini API, OpenAI

EXPERIENCE

Backend & DevOps Consultant — Centech Technologies (Somalia Govt/World Bank) Jan 2025 – Present

- Designed **NestJS + PostgreSQL microservices** for livestock data at national scale.
- Delivered real-time analytics reducing reporting latency **hours** → **seconds**.
- Set up CI/CD with Docker + Kubernetes, cutting deployments **70%**.
- Achieved **99.9% uptime** on AWS infrastructure.
- Integrated Kafka-based event streaming for scalable data ingestion and processing

Software Engineer (Consultant) — IGAD sep 2024 - jan 2025

- Revamped **ISPAC website**, boosting Lighthouse score 62→94 and SEO visibility.
- Migrated React → Next.js, cutting load time by **45%**.
- Integrated **MapServer + PostGIS** for <500ms geospatial queries.
- Refactored legacy codebase, reducing complexity by **50%**.

Full-Stack Developer (Remote, UK) — Envoyr Jan 2024 – Dec 2024

- Built **Instagram analytics platform** (Next.js + NestJS) handling **10k+ queries/day**.
- Improved API speed **40%** with Redis + optimized PostgreSQL.
- Deployed via Docker + Kubernetes, scaling to 3× traffic.

Full-Stack Developer — iBring-Services Jan 2023 – Dec 2023

- Deployed **3 ERP/POS apps** supporting 1k+ daily users.
- Automated pipelines, reducing releases from **2 weeks** → **3 days**.
- Improved system uptime to **90.9%** while halving critical bugs.

Freelance Software Engineer — Upwork & Direct Clients 2020–2023

- Delivered 10+ apps (dashboards, e-commerce, analytics).
- Built logistics dashboard cutting decision time 60%.
- Developed inventory system improving stock accuracy 95%.
- Maintained **5★** client rating across most contracts.

PROJECTS

(view all my other projects on my [GitHub](#))

ATS-Lite – Transparent AI-Powered Candidate Matching

[Live Demo](#) | [GitHub repo](#)

- Built responsive Next.js + TypeScript UI with Tailwind, shadcn/ui, and Framer Motion.
- Implemented AI workflow (Think → Act → Speak) with transparent decision logs and candidate ranking algorithms.
- Developed backend orchestration + unit tests ensuring accuracy across filtering, ranking, and stats aggregation.

EDUCATION and CERTIFICATIONS

St. Paul's University Bachelor in Business and Information Technology

[JavaScript Algorithms and Data Structures](#), [Responsive web Design](#), [Data visualisation](#), [Frontend Development Libraries](#) ...