Adeboye Oyelola Samuel

Senior Fullstack Engineer
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PROFESSIONAL SUMMARY

Senior Fullstack Engineer with 5 years of experience building scalable, secure, high-performance web applications in production. Specialized in fullstack development with React, TypeScript and Java, spanning relational and document data design and containerized deployment. Known for improving application speed, reliability and security through practical architecture decisions, performance optimization, automated testing and clean, maintainable code. Strong collaborator who works closely with product, design and engineering teams and mentors less experienced engineers.

SKILLS

Frontend: React, TypeScript, Vue 3 / Nuxt 3, Next.js, Pinia, TanStack Query, Tailwind CSS
Backend & APIs: Node.js (Express), Java / Spring Boot, JPA / Hibernate, REST APIs, Microservices, RabbitMQ, Redis, JWT / OAuth2
Databases: MySQL, PostgreSQL, MongoDB / Mongoose, SQL Server stored procedures
Cloud & DevOps: Docker, Kubernetes, CI/CD (GitHub Actions, Azure DevOps), AWS, Azure, Grafana / Prometheus
Testing & Practice: Jest, Vitest, JUnit, Cypress, Git, Agile / Scrum, Code review and mentoring

PROFESSIONAL EXPERIENCE

CGI — Senior Full Stack Developer — Toronto, Ontario | April 2026 – Present

- Built workpaper sync and a tiered multi-level approval workflow in Nuxt 3 (Vue), TypeScript and Pinia, running on Nitro background workers over a SQL Server task table, consolidating preparation and sign-off for over 1,000 RBC auditors into one system.
- Designed the report-generation pipeline on Nitro-hosted workers with capped retries and a heartbeat check, drafting content through the OpenAI API and rendering it via XML into Word templates, cutting report preparation from hours to minutes.
- Enforced project-scoped RBAC via SQL Server stored procedures behind Node.js REST APIs, locking workpapers to project auditors.
- Reviewed most of the team's GitHub pull requests across the Nuxt and legacy React apps and wrote the technical design docs for sync, reports and approvals, in two-week Agile sprints with Vitest unit tests and GitHub Actions CI.

CWG / FifthLab — Fullstack Engineer (Full-time, 40 hrs/week) — Remote | Sept 2024 – April 2026

- Led development of Smart Metrify on a React and TypeScript front end and Java Spring Boot REST APIs over PostgreSQL, with Paystack payments and a Swagger-documented vendor API, processing 27,421 completed transactions across 22 active estates.
- Cut Smart Metrify page load from 4.2s to 1.6s and API latency from ~480ms to under 200ms with code splitting and Redis caching.
- Improved query performance ~45% across PostgreSQL, MySQL and MongoDB behind Spring Boot and Node.js services using composite indexes.
- Deployed services to Kubernetes in Docker via Azure DevOps CI/CD, with Grafana alerts so incidents resolved in under 30 minutes.
- Built a shared Tailwind and Mantine component library for React and Vue 3 apps, so teams stopped rebuilding UI patterns.

CanalisLabs HQ — Software Engineer (Contract, task-based) — Remote | Dec 2024 – Jan 2026

- Built Emple's policy document generator in Next.js, TypeScript and CKEditor 5, letting staff edit wording without engineers.
- Built accessible multi-step claims forms in React with react-hook-form and zod, checked with axe so keyboard users could finish them.
- Built separate Emple apps per market in Next.js and React, each on Docker and Azure CI/CD, so Ghana changes never broke Nigeria.
- Reproduced an endorsement bug with the API owner after verifying the Next.js payloads, so approved endorsements updated their policies.

SnapNet — Backend Engineer (Full-time remote, 40 hrs/week) — Remote | Sept 2024 – Dec 2025

- Built HCMatrix's recruitment REST APIs in Node.js, Express and MySQL, giving hiring teams shared CV records, scheduling and evaluations.
- Maintained eleven Node.js microservices in a team of three, with RabbitMQ retry and dead-letter queues keeping notifications from loss.
- Raised backend throughput ~30% by caching the employee directory in Redis and adding MySQL indexes matched to real query patterns.
- Worked on HCMatrix's JWT and Microsoft OAuth sign-in, supporting employers on Microsoft identities alongside in-house accounts.
- Deployed HCMatrix services via per-service GitHub Actions CI/CD to AWS and Docker hosts, so each service shipped on its own.

Prunedge — Fullstack Engineer — Lagos, Nigeria | Jan 2021 – Sept 2024

- Built ABEMS budget screens in React and TypeScript with clear loading and error states for its rollout at a public-sector agency.
- Stopped document and budget screens timing out by indexing a slow MongoDB aggregation behind the Node.js Express APIs and paginating it.
- Tested Prowoks and ABEMS with Jest unit and Cypress end-to-end suites and deployed both apps to AWS.
- Ran the intern program with Git, React and Node.js pairing and code review, mentoring 5 interns over ~8 months, one hired full-time.
- Added a GraphQL layer to the ABEMS Express service over MongoDB, letting each React budget screen fetch just its fields in one request.

EDUCATION

- Babcock University, Ilishan-Remo, Nigeria, B.Sc. Computer Science, Sept 2019 – Jun 2023