ERIC ADJEI

FULL-STACK SOFTWARE DEVELOPER

📧adjeieric4@yahoo.com 🌐ericadjei.com 💼linkedin.com/in/eric-adjei-05b39b72 💻github.com/adjeteyboy

PROFESSIONAL SUMMARY

Versatile Full-Stack Software Developer with 5+ years of engineering experience architecting, building, and deploying scalable web applications, fintech microservices, and multi-cloud solutions. Proven expertise across **TypeScript, React 19, Next.js, Node.js, Express, and PostgreSQL**. Extensive track record delivering high-concurrency systems, real-time auction platforms, large-scale multi-vendor e-commerce, cloud integrations on AWS & GCP, and secure payment workflows (Paystack). Passionate about writing clean, maintainable code that solves real business challenges.

TECHNICAL SKILLS

Languages:	TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3/SCSS, Golang (Basics)
Frontend:	React 19, Next.js, React Router v7, Vite, Tailwind CSS, Ant Design, shadcn/ui, Redux
Backend & APIs:	Node.js, Express.js, Nest.js, Drizzle ORM, RESTful API Design, Microservices, WebSockets, WebPush
Databases:	PostgreSQL, Neon Serverless Postgres, MongoDB, Redis
Cloud & DevOps:	AWS (S3, Cognito, SES, App Runner), Google Cloud Platform (GCE, GCS), Docker, Nginx, PM2, Git, Linux
Security & Payments:	Paystack Payment Gateway & Transfers, Firebase Auth, FIDO2/WebAuthn Passkeys, JWT, Role-Based Access

FEATURED PROJECTS

1. Mama Africa — Food Ordering & Delivery Platform [Live Demo: mamaafrica.online] 2026

Tech: TypeScript, React Router v7 (SSR), Node.js, Express, PostgreSQL, Drizzle ORM, GCP (GCE, GCS), WebAuthn, Brevo

- Architected and deployed a multi-role food ordering platform (Admin, Buyer, Courier) featuring real-time order tracking and localized delivery routing.
- Implemented biometric passwordless authentication using **FIDO2 / WebAuthn passkeys** (`@simplewebauthn`) alongside Firebase Auth.
- Engineered zero-downtime rolling deployments on Google Cloud Platform (GCE Always-Free tier) with V4 signed URLs for secure direct media uploads to Google Cloud Storage.

2. BidMyCarGhana — Real-Time Vehicle Auction & Marketplace [Live: bidmycarghana.com | Staging] 2025

Tech: Next.js (React 19), TypeScript, Node.js, Express, Neon PostgreSQL, Drizzle ORM, AWS (S3, Cognito, SES), Paystack, Cloudflare

- Engineered a high-performance vehicle auction platform featuring real-time bidding feeds, dynamic reserve pricing, and automated escrow holding fees.
- Architected cloud storage and identity management using **AWS S3** for vehicle media assets and documents, and **AWS Cognito** for secure user pool authentication.
- Implemented secure Paystack payment flows for bidder verification deposits, holding fee escrow, and automated seller payouts.
- Deployed full-stack Next.js (React 19) architecture with Server-Side Rendering (SSR) and Neon Serverless PostgreSQL for sub-second page transitions.

3. Rych Lodge — Short-Let Accommodation & Lodge Booking Platform [Live Demo: rychlodge.com] 2026

Tech: TypeScript, React Router v7, Node.js, Express, PostgreSQL, Drizzle ORM, Paystack, node-cron, Cloudflare CDN

- Developed an automated property reservation engine with calendar availability, guest self-service portal, and Paystack checkout.
- Built an automated background worker running two-way **iCal synchronization** every 15 minutes, syncing booking schedules with Booking.com and Airbnb without double-booking collisions.
- Configured Cloudflare Anycast edge caching and automated PDF receipt generation via Brevo transactional email.

4. Barnes Angel Health Care — Senior Care & Health Services Web Platform [Live Demo] 2023

Tech: React, Next.js, JavaScript, HTML5, CSS Grid, SCSS, Firebase

- Rebuilt the senior healthcare website from the ground up to achieve high accessibility (WCAG), responsive mobile design, and fast load speeds.
- Streamlined contact inquiry workflows and integrated Firebase for content management and communication.

5. theTeller Bulk Transfers — Corporate Financial Disbursement Portal [bulktransfers.theteller.net] 2021

Tech: Next.js, React, React Context API, Ant Design, RESTful Microservices, FinTech APIs

- Engineered the corporate disbursement portal enabling enterprise merchants to disburse payroll and vendor funds in bulk from float accounts.
- Integrated automated **pre-transfer name inquiry validation** across mobile money networks (MTN, Telecel/Vodafone, AirtelTigo) and commercial banks, eliminating failed and misdirected transfers.
- Designed a responsive merchant portal with beneficiary management, CSV batch processing, and audit logs.

WORK EXPERIENCE

Full-Stack Software Developer — Freelance & Independent Consultant February 2023 – Present

- Partnered with clients to architect, build, and deploy production-grade web applications, booking platforms, and auction engines.
- Architected cost-effective cloud infrastructures on Google Cloud Platform and AWS, reducing ongoing operating costs to $0.00/mo utilizing Always-Free tiers without sacrificing performance.
- Implemented end-to-end security, including biometric FIDO2 authentication, role-based authorization, and payment gateway webhooks.

Application Developer — Payswitch Company Limited November 2019 – February 2023

- Architected and built **Edeybe** (2020 – 2022), an Amazon-scale multi-vendor e-commerce marketplace for the Ghanaian market built with Next.js and Payswitch payment integration, featuring vendor storefronts, dynamic inventory management, and automated split settlements.
- Engineered the frontend and merchant management interface for the **theTeller Bulk Transfers** portal (2021), accelerating corporate disbursement speeds for enterprise merchants.
- Developed supporting frontend user interfaces, merchant dashboards, and internal tooling for Payswitch payment processing services, adhering to PCI-DSS standards.