YUSUF ADENIYI

FULL-STACK SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Senior software engineer with 7+ years of experience building and scaling production systems. Strong background in backend architecture, payments, reliability, and end-to-end product ownership using Node.js, TypeScript, Go and Python. Experienced in fast-moving startups, including helping scale a YC-backed product from MVP to acquisition.

SKILLS

Languages: TypeScript, JavaScript, Go
Backend: Node.js, NestJS, Chi, Microservices, WebSockets, GraphQL, gRPC, Message Queues
Frontend: React, Next.js, Vite, Tailwind CSS, shadcn/ui, Turborepo
Data & Infrastructure: PostgreSQL, MongoDB, Redis, SQL, AWS, Docker, Nginx, GitHub Actions, CI/CD, Datadog
Architecture & Domain: System Design**,** Scalable APIs, Caching, Performance Optimization, Payment Systems

EXPERIENCE

Senior Software Engineer | Elite Africa — Remote *Aug 2025 – Present*

- Built a multi-provider billing engine with smart fallback, reducing failed payments by 20%.
- Developed a crypto-to-Naira off-ramp with a 99% transaction success rate and designed PostgreSQL + BullMQ payment tracking, improving reliability by 40%.
- Built referral and rewards systems that increased user acquisition by 25%, and integrated chat support, reducing response time by 30%.

Senior Software Engineer | Tilvio — Remote
Jan 2025 – Jul 2025

- Built high-throughput Go and Node.js APIs supporting large-volume order submissions.
- Developed React + TypeScript dashboards for real-time order and fulfillment management.
- Optimized SQL queries and Redis-backed caching, improving API response times by 30%.

Senior Software Engineer | Goodkind — Remote *Feb 2022 – Jan 2025*

- First engineering hire; helped scale the product from MVP to acquisition.
- Built personalized video delivery that increased revenue by 10% and shipped a caption-editing tool used by 100,000+ users, reducing caption errors by 50%.
- Migrated video infrastructure from Cloudinary to Mux while maintaining production reliability and reducing infrastructure costs.

Software Engineer | TradeDepot — Remote *Jul 2021 – Feb 2022*

- Built and maintained Node.js APIs; improved response times by 20% through AWS serverless optimizations.
- Optimized SQL queries and indexing, reducing retrieval times by 35%, and built visit tracking for 200+ field agents.

Software Engineer | Givemagic — Remote *Aug 2018 – May 2021*

- Built and shipped the MVP and made early product and technical decisions across the stack.
- Integrated Stripe and Blackbaud payments, increasing revenue by 30%, and implemented personalized URLs that increased conversion by 15%.

SELECTED PROJECTS

Iwifunni — Multi-tenant notification infrastructure for email, SMS, and push delivery using asynchronous queues. Go, Next.js, TypeScript, PostgreSQL, Redis. github.com/deveasyclick/iwifunni| iwifunni.cc

BillPay SDK (Open Source) — Unified TypeScript SDK for Interswitch and VTPass with strict types and retry logic, reducing provider integration complexity. github.com/deveasyclick/billpay-sdk

EDUCATION

Federal University of Technology, Akure — B.Tech, Computer Science | 2015 – 2020