

YUSUF ADENIYI

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Senior full-stack engineer with 7+ years of experience building and scaling production systems, with a strong focus on backend architecture, payments, and reliability. Experienced in Node.js, TypeScript, and Go, with a track record of shipping high-impact features in fast-moving startups, including scaling a YC-backed platform from MVP to acquisition. Comfortable owning systems end-to-end, from API design to production monitoring.

EXPERIENCE

Senior Software Engineer

Elite Africa — Remote

Aug 2025 – Present

- Built a referral and rewards system that increased user acquisition by 25%, supporting hundreds of users and transactions.
- Developed a crypto-to-Naira off-ramp enabling users to withdraw funds directly to bank accounts, achieving 99% transaction success rate.
- Enabled seamless on-chain transactions by implementing Wagmi-based crypto wallet interactions, increasing successful transaction completion rates by 80%.
- Enhanced customer engagement by integrating a chat support system, reducing support response time by 30%.
- Built a multi-provider billing engine with smart fallback, reducing failed payments by 20%.
- Designed payment tracking with PostgreSQL & BullMQ, improving payment reliability by 40%.

Senior Software Engineer

Tilvio — Remote

Jan 2025 – Jul 2025

- Built and maintained high-throughput APIs (Go, Node.js) supporting large-volume order submissions.
- Developed React + TypeScript dashboards used by vendors and customers to manage orders and track fulfillment in real time.
- Optimized SQL queries and database access patterns, improving API response times by 30%.
- Implemented Redis-backed caching, cutting redundant API calls by 50%.

Senior Software Engineer

Goodkind (B2B Video Messaging Platform) — Remote

Feb 2022 – Jan 2025

- **First engineering hire; helped scale the product from MVP to acquisition.**
- Built a personalized video delivery system that increased revenue by 10%.
- Designed and shipped an internal caption-editing tool used by 100,000+ users, reducing caption errors by 50%.
- Collaborated directly with founders and designers to iterate on UX, API design, and feature scope.
- Migrated video infrastructure from Cloudinary to Mux, reducing infra costs by 5% while maintaining quality and reliability.
- Owned production features end-to-end, including monitoring, debugging, and performance improvements.

Software Engineer

TradeDepot — Remote

Jul 2021 – Feb 2022

- Developed and maintained production Node.js APIs used by mobile and web clients.
- Improved system response times by 20% through AWS serverless optimizations.
- Built proxy APIs to resolve CORS issues, reducing client-side error rates by 30%.
- Implemented SQL indexing and query optimizations, reducing data retrieval times by 35%.
- Built geolocation-based visit tracking for 200+ field agents, improving detection accuracy by 15%.

Software Engineer

Givemagic — Remote

Aug 2018 – May 2021

- Built and shipped the MVP, focusing on core user flows and rapid iteration.
- Integrated Stripe and Blackbaud payments, increasing revenue by 30%.
- Implemented personalized story URLs and wildcard subdomains, increasing conversion by 15%.
- Worked across frontend and backend, making early product and technical decisions with minimal guidance.

SIDE PROJECTS

Bill Payment System (billpay)

- Built a full-stack payment platform using **NestJS, Next.js TypeScript, PostgreSQL, Redis, and Prisma**.
- Integrated Interswitch for airtime, data, TV, and electricity payments.
- Designed real-world payment workflows, retries, and data models
GitHub: <https://github.com/deveasyclick/billpay>

BillPay SDK (Open Source) | TypeScript, Node.js, Vitest

- Architected and published a unified Node.js/TypeScript SDK that abstracts disparate payment providers (Interswitch, VTPass) behind a single, consistent interface.
- Implemented strict type definitions and automated retry logic, reducing integration complexity for developers by an estimated 60%.
GitHub: github.com/deveasyclick/billpay-sdk

EDUCATION

Federal University of Technology, Akure — Nigeria

B.Tech, Computer Science (2015 – 2020)

SKILLS

Languages: TypeScript/JavaScript, Go

Backend Development: NodeJS, NestJS, Chi, Microservices, Websockets, GraphQL, Messaging Queues, Networking, GRPC

Frontend Development: React, Vite, NextJS, TailwindCSS, Shadcn/UI, Turborepo

Databases & Data Stores: PostgreSQL, MongoDB, SQL, Redis

Cloud & DevOps: AWS, Docker, Nginx, Github Actions, CI/CD Pipelines, Datadog, Firebase

System Design: Scalable APIs, Caching, Performance Optimization