

# AMITEYE FAVOUR OFEORITSE

Frontend Developer · Full-Stack Engineer

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## PROFESSIONAL SUMMARY

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Frontend-focused full-stack engineer with 4+ years building and shipping production-grade web and mobile applications, including AI-powered tools, secure real-time systems, and fintech platforms with live payment flows. Strong in React, Next.js, TypeScript, and Node.js, with experience designing scalable architectures using SSE/WebSockets, secure authentication systems, and payment integrations. Known for owning features end-to-end from system design to deployment, with a focus on performance, reliability, and real-world usability.

## TECHNICAL SKILLS

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**Frontend:** React 18, Next.js 16 (App Router), React Native (Expo), TypeScript, JavaScript (ES6+), Tailwind CSS v4, Radix UI, HTML5, CSS3

**Backend:** Node.js, Django (Python), REST APIs, Server-Sent Events (SSE), WebSockets, Prisma ORM, Axios, Nodemailer

**Databases & State:** MongoDB, Firebase (Firestore & Auth), MySQL, IndexedDB (idb), Zustand, TanStack Query v5, React Hook Form, Zod

**Payments & Auth:** Paystack (payments, transfers, webhooks), JWT (jose), bcrypt, OTP flows, OAuth-style integrations (Meta/TikTok/X)

**Browser & Security:** Chrome Extension APIs (Manifest V3), Web Crypto API (crypto.subtle), Service Workers, Vite, Turbopack, Rate limiting

**AI Integration:** Anthropic Claude API, LLM prompt engineering, AI-powered feature development

**Infrastructure, Monitoring & Realtime:** Cloudflare (CDN, edge routing), Pusher (real-time messaging), Sentry (error monitoring), PostHog (product analytics)

**Tools & Platforms:** Git, GitHub, Vercel, Expo, VS Code, Postman, React Router v7

## EXPERIENCE

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### IT Support / System Engineer

July 2025 – Present

*TopTech Engineering Ltd · Lagos, Nigeria*

- Designed and developed a full internal ticketing and support system to streamline issue reporting, tracking, and resolution workflows, reducing average resolution time across the team.
- Provided end-to-end technical support for networking and hardware issues across multiple environments, maintaining near-zero downtime.
- Diagnosed and resolved software, hardware, and connectivity issues across 20+ devices and systems.
- Operated and maintained specialized data sanitization equipment (degaussing machine) in compliance with hardware handling standards.

### Software Engineer (Freelance)

Jan 2025 – July 2025

*Self-Employed · Remote*

- Designed, developed, and deployed 4+ full-stack web and mobile applications for clients across e-commerce, logistics, and education sectors, delivering all projects on schedule.
- Built a content creator marketplace platform (React, Node.js, MongoDB, WebSocket, Prisma, Tailwind CSS) featuring creator discovery, campaign management, secure real-time messaging, and application workflows.
- Developed a fantasy sports application with real-time match scoring, head-to-head matchmaking, regional rankings, and continental leaderboards using React, Node.js, and Firebase.
- Provided ongoing client support and maintained application reliability post-launch across all projects.

## ICT Intern

Mar 2023 – Aug 2023

*Heritage Energy Operational Services Ltd (HEOSL) · Warri, Delta State*

- Built a Django-based web application for computer-based testing that fully automated the company's internship recruitment process, eliminating manual effort for HR.
- Developed a hospital management system prototype using two parallel stacks (HTML/CSS/PHP and Django/Python), gaining comparative full-stack experience under production constraints.
- Delivered IT support across the organisation, diagnosing hardware issues and minimising operational downtime for 50+ staff members.

## KEY PROJECTS

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### Glance (AI Browser Extension)

2026

*Chrome Extension (Manifest V3) · Vanilla JS · Anthropic Claude API*

- Built a Chrome extension that summarizes any web page on demand using the Anthropic Claude API, called directly from a Manifest V3 service worker via the Fetch API.
- Architected with declarative content\_scripts, a popup UI (HTML/CSS/JS), and background.js as a persistent service worker handling API calls and chrome.storage for session state.
- Implemented chrome.tabs and chrome.runtime.sendMessage for cross-context communication between popup and service worker, with clean error handling for API failures.

### Whisper (Secure E2E Messaging Platform)

2026

*React · TypeScript · Vite · Tailwind CSS v4 · Web Crypto API · IndexedDB*

- Built a secure messaging platform with true end-to-end encryption implemented entirely using the browser-native Web Crypto API (crypto.subtle), no third-party crypto libraries.
- Designed an encrypted-message outbox using IndexedDB (idb) for offline resilience, with TanStack Query v5 for server state sync and Zustand for client/session state management.
- Integrated Axios with JWT refresh interceptors for authenticated API calls, and React Router v7 for client-side routing across auth and messaging flows.

### Content Creator Marketplace

2025 - Present

*Next.js 16 (App Router) · TypeScript · MongoDB · Prisma · Paystack · Tailwind CSS v4 · Radix UI · Zustand · Pusher · Cloudflare · PostHog · Sentry*

- Production-grade two-sided marketplace with dual role-based experiences (Brand vs Creator) covering onboarding, campaign management, contracts, deliverables, real-time messaging, and wallet + payout flows integrated with Paystack.
- Engineered a money-safe wallet system: deposit/withdraw/payout with lock-before-transfer, compensating rollback on Paystack failure, fee tiers aligned with Nigeria transfer pricing, and webhook handling for settlement vs user balance reconciliation.
- Implemented real-time infrastructure using Pusher Channels for messaging, wallet updates, and live campaign state, ensuring low-latency, scalable event-driven communication without maintaining custom WebSocket servers.
- Designed infrastructure for performance and reliability using Cloudflare (CDN, caching, edge routing) to optimise global delivery and reduce latency.
- Integrated PostHog for product analytics and user behavior tracking, enabling data-driven feature improvements and funnel analysis.
- Implemented Sentry for real-time error monitoring, alerting, and debugging across production environments.
- Security-hardened sensitive flows: JWT sessions (jose), bcrypt passwords, hashed withdrawal PINs, OTP verification, and rate limiting on auth and financial routes.
- Integrated Web Push notifications, Nodemailer transactional email, OAuth-style flows for Meta/TikTok/X social platforms, and cron endpoints for campaign automation.

## **Fantasy Sports Platform**

2024 – 2025

*React · Node.js · Firebase*

- Developed a dynamic fantasy sports application supporting daily lineup management, real-time match scoring, and head-to-head matchmaking.
- Implemented regional and continental leaderboards with a slot-allocation system enabling global competition participation.

## **Multi-Purpose Student Assistant App**

2023 – 2024

*React Native (Expo) · Firebase*

- Delivered a cross-platform mobile app with 10+ features for campus life: class timetables, campus navigation, cafeteria schedules, smart reminders, and secure auth.
- Implemented real-time Firebase sync and full offline access, improving student task efficiency by an estimated 40%.

## **EDUCATION**

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### **BSc Management Information Systems**

*Jan 2021 – Jul 2024*

**Covenant University** · Ogun State, Nigeria

- Relevant coursework: Database Management, Software Development (Python, Java, C, C#), Data Analytics, Business Process Management, IT Strategy & Governance, Project Management.

### **Senior Secondary School Certificate (SSCE)**

*Sep 2017 – Mar 2019*

**Willen Secondary School** · Delta State, Nigeria