OGUNSOLA FARUK

MOBILE & FULL-STACK ENGINEER

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GitHub • LinkedIn • Portfolio

PROFESSIONAL SUMMARY

Mobile & Full-Stack Engineer with 2+ years of experience building and shipping web and mobile products. Experienced across React, React Native, Expo, Next.js, TypeScript, Node.js and NestJS, with hands-on experience in backend APIs, authentication, payment and fintech workflows, real-time systems, AI-assisted functionality and document processing. Comfortable taking features from interface implementation through backend integration, testing and production deployment, including iOS and Android deployment.

TECHNICAL SKILLS

Frontend & Mobile: React, React Native, Expo, Next.js, TypeScript, JavaScript, Tailwind CSS, Zustand, TanStack Query, iOS/Android Deployment

Backend & APIs: Node.js, NestJS, Express.js, RESTful APIs, GraphQL, WebSockets, Socket.IO, JWT, Webhooks

Databases & Storage: MongoDB, Mongoose, PostgreSQL, Prisma, Redis, Supabase, Cloudflare R2, Cloudinary, Cloud Object Storage

Real-Time & APIs: WebSockets, Socket.IO, RESTful APIs, Role-Based Access Control (RBAC), OAuth/OTP Auth Flows

DevOps & Cloud: Docker, GitHub Actions (CI/CD), Vultr VPS, Vercel, Render, Nginx, Linux Server Administration

Testing & Quality: Jest, React Testing Library, Vitest, Supertest, Code Review, WCAG Accessibility Standards

Engineering Practices: Agile/Scrum, Object-Oriented & Functional Programming, Performance Optimization, Technical Backlog Management, Mentorship

Product Engineering: Authentication & Authorization, Payment Integrations, AI Integrations, Third-Party APIs, File/PDF Processing

PROFESSIONAL EXPERIENCE

Parvis — Founder & Lead Engineer

July 2026 – Present

- Founded and lead engineering for Parvis, a learning platform that transforms public video courses into structured learning experiences with progress tracking and AI-assisted learning tools.
- Built and maintain both the web application and mobile app, using Next.js for web and React Native with Expo for iOS and Android.
- Implemented course discovery, enrollment, lesson delivery, progress tracking, AI-assisted learning, quizzes, subscriptions, payment integrations and notifications.
- Developed mobile data-fetching and state-management workflows using TanStack Query and Zustand, while overseeing backend services, integrations and production deployment.

Naelix Tech Group — Full-Stack Developer

February 2026 – Present | Remote, Nigeria

- Built and shipped features across NTeam, an internal operations platform, working across Next.js frontend and NestJS backend systems.
- Developed and maintained multiple APIs and implemented workflows including role-based access, attendance, reporting, project tracking, meetings, payroll interfaces and notifications.
- Contributed to NVerify, working on KYC and document-upload flows, API tooling, wallet/payment integrations and deployment-related fixes.
- Contributed to Givvo, a gift-card and cryptocurrency buying and selling platform, working on transaction workflows involving Circle and escrow.
- Worked on application features supporting 1,000+ users, including frontend/backend integration, API contracts, authentication and real-time events.

Xerv — Full-Stack Developer

August 2025 – January 2026 | Remote, Nigeria

- Built NeTuArk Social, a real-time social messaging platform with persistent conversations, authenticated sessions and interactive social features.
- Integrated REST and GraphQL APIs across frontend workflows using TanStack Query, including caching, optimistic updates and asynchronous state handling.
- Implemented JWT-based authentication and collaborated across frontend/backend integration for secure application workflows.
- Built responsive interfaces and supported deployment and release workflows using GitHub, Render and Netlify.

Code Alpha — Software Development Intern

June 2025 – September 2025 | Remote

- Built JavaScript applications, including a weather application using third-party APIs and dynamic DOM rendering, and an age calculator focused on event handling and input validation.

SELECTED ENGINEERING PROJECTS

Papertrail | *Browser-Based PDF Editor*

Live • GitHub

Browser-based document editing platform for manipulating, editing and converting documents.

- Built PDF rendering and editing workflows for text replacement, text and image overlays, document manipulation, page extraction, splitting and compression.
- Implemented PDF-to-DOCX conversion using pdf2docx and DOCX-to-PDF conversion using LibreOffice.
- Implemented OCR-assisted workflows and centralized PDF coordinate transformations for consistent editing across zoom levels and viewport sizes.
- Used Cloudflare R2 for document storage and management.
- Technologies: React, TypeScript, PDF.js, pdf-lib, MuPDF, Zustand, TanStack Query, Tesseract.js, NestJS, MongoDB, Cloudflare R2.

WithWords | *Digital Letter Platform*

Live: mywithwords.xyz

- Built a platform for creating and sharing personalised digital letters through an interactive, recipient-focused experience.
- Developed an envelope-inspired letter-viewing experience and workflows for creating, publishing and sharing letters through accessible links.

Downloader | *Open-Source Universal Media Downloader*

GitHub: github.com/Fatzy070

- Built a full-stack, self-hosted media downloader using React, TypeScript, Vite, Tailwind CSS, Node.js and Express.
- Integrated yt-dlp and FFmpeg for media extraction, metadata retrieval, format selection and server-to-browser streaming.
- Implemented URL validation, SSRF protection, rate limiting, request timeouts, process cleanup and automated tests.

Nexus | *Social Media Application*

Live Demo

- Built web and mobile social application features spanning user accounts, profiles, content creation, media workflows and connected social experiences.
- Implemented real-time communication, push notifications, secure authentication, privacy controls and client-side caching; extended the product to mobile using React Native.

EDUCATION

Diploma — Full Stack Development | SP Tech Academy

January 2025 – October 2025

Training covered Data Structures & Algorithms, Full Stack Web Development, System Administration and Project Management.