

MUNACHI ONYEBUCHI BRIGHT

FRONTEND DEVELOPER

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[Portfolio](#) | LinkedIn: Munachi Onyebuchi | [GitHub](#)

SUMMARY

Frontend Developer with 2+ years of experience building web applications with React, Next.js, TypeScript, and Tailwind CSS. Experienced in developing complex product interfaces across fintech, SaaS, edutech, and IoT applications, with hands-on experience integrating APIs, payment systems, real-time data, authentication, and backend services. Finalist among 600+ teams at the Enugu Campus Hackathon.

TECHNICAL SKILLS

- **Languages:** JavaScript (ES6+), TypeScript, HTML5, CSS3
- **Frontend:** React, Next.js, Tailwind CSS, React Query, Framer Motion
- **Backend & Data:** Laravel, Node.js, Supabase, Firebase, REST APIs
- **Payments & Integrations:** Paystack, Interswitch, Tranzakt, API Integration
- **Engineering:** Responsive Design, State Management, Authentication, Real-time Applications, Offline-first Architecture
- **Tools & Platforms:** Git, GitHub, Vercel, Cloudinary, Leaflet

PROJECT EXPERIENCE

CampusPadi — Co-Founder & Lead Frontend Developer [Live](#)

React · TypeScript · Tailwind CSS · Laravel · MySQL

- Led frontend development of a campus platform spanning fee management, academic tracking, course resources, events, and AI-assisted study workflows across 120+ routes/screens and four user contexts.
- Engineered an offline-first data layer using IndexedDB, service workers, background synchronization, and network-status handling to support users on unreliable campus networks.
- Built payment and financial interfaces supporting Paystack, Interswitch, and Tranzakt checkout flows, implementing gateway-specific payment states and user feedback.
- Implemented frontend performance optimizations including vendor code splitting, Brotli/Gzip compression, image optimization, Workbox caching, and React Query data caching.

Table-Tap — Frontend Developer [Demo](#) [GitHub](#)

Next.js · React · TypeScript · Tailwind CSS · Supabase · Paystack

- Built a multi-tenant restaurant SaaS spanning customer ordering, kitchen operations, restaurant administration, and platform administration interfaces.
- Engineered a real-time Kitchen Display System (KDS) using Supabase Realtime WebSockets, synchronized order state, audio notifications, and preparation-time SLA tracking.
- Developed a mobile-first QR ordering experience with table-based routing, menu search/filtering, cart state, special instructions, and Paystack checkout.
- Implemented server-side Paystack verification with HMAC-SHA512 webhook validation and idempotency checks, keeping payment secrets off the client.

AgroTrack — Frontend Developer | Enugu Campus Hackathon [Demo](#) [GitHub](#)

React · TypeScript · Tailwind CSS · Firebase · Leaflet

- Built real-time geospatial interfaces connecting GPS telemetry from ESP32 hardware to interactive farmland and grazing-zone maps.
- Engineered client-side geofence violation detection using ray-casting against live livestock coordinates to detect boundary breaches in real time.
- Built real-time community chat and presence tracking, alongside incident-report workflows with multi-file evidence uploads.

- Developed a resilient API client with Firebase token refresh and exponential-backoff retries to handle intermittent network failures.

Unsaid — Frontend Developer & UI/UX Designer [Live](#)

React · Tailwind CSS · Vite

- Built a 12-route anonymous social platform with authentication views, dashboards, messaging, moderation, settings, and responsive user interfaces.
- Engineered client-side media ingestion with file validation, object URLs, multipart FormData preparation, and image handling for anonymous submissions.
- Implemented Web Share API and Clipboard API integrations with responsive fallbacks and interaction feedback for cross-platform profile sharing.

EDUCATION

Enugu State University of Science and Technology (ESUT)

B.Sc. Computer Science — Expected 2027