

# NWOBIA DAVID

Software Engineer

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## SKILLS

**Languages:** JavaScript, TypeScript, C, C++, C#, Python, HTML, CSS

**Frontend:** React.js, Next.js, Tailwind CSS, Framer Motion, GSAP, Zustand

**Backend Technologies:** Node.js, Express.js, RESTful APIs

**Databases:** MongoDB, PostgreSQL, Firebase, Supabase

**Tools:** Git, Vite, CI/CD, Vercel, Netlify, Agile/Scrum

## PROFESSIONAL EXPERIENCE

### Front-End Developer | Transcend Agency

2023 - 2025

- Collaborated with cross-functional teams to build user-centric websites for global brands
- Focused on UI/UX design improvements and front-end performance optimization
- Utilized React, GSAP and Typescript to enhance user engagement and page load speed which contributed to increased site traffic and customer retention

### Robotics Engineer Intern | Oceanz Robotics

Apr 2024 - Sept 2024

- Developed innovative robotics solutions and custom business applications
- Focused on automation, prototyping, and agile methodologies
- Combined software development and IoT integration to deliver high-impact solutions

### Full-Stack Developer | Byte&Crunch

2022 - 2023

- Led end-to-end development of an e-commerce platform serving 100+ daily users with React, Node.js, and MongoDB.
- Engineered a Telegram bot (Node.js + Telegraf) to automate order tracking, cutting delivery delays by 35%.
- Implemented JWT authentication and Flutterwave payments, ensuring secure transactions.

## PROJECTS

### Kelani.ng – Engineering & Power Services | <https://kelani.ng/>

- Built a multi-section corporate site using React, Vite, and GSAP, reusing a single template for 3 service pages (Engineering, Power, Consulting).
- Enhanced UX with smooth animations (GSAP) and Zustand for state management.

### Pally | <https://pally-online.vercel.app/>

- I developed a web app for accountability partner matching and productivity, enabling users to connect based on tailored preferences like interests, goals, and professional backgrounds.
- I built an advanced matching algorithm for this project using Typescript, Next.js, NextAuth, and MongoDB tech stack to ensure seamless user connections and enhanced productivity experiences.

## LEADERSHIP & VOLUNTEERING

### Co-Lead | Google Developer Student Club - Covenant University, Nigeria

- Organized workshops, hackathons, and coding boot camps to promote hands-on learning
- Mentored students in frontend development and fostered a collaborative environment to enhance participants' technical skills

## EDUCATION

Bachelor of Science in Industrial Physics

Covenant University

September 2021 - August 2025

- Relevant Coursework: Data Structures & Algorithms, Programming in C++ and C#