

# NWOBIA DAVID

(Software Engineer)

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## EDUCATION

### Covenant University

Sep 2021 - Aug 2025

Bachelor of Science in Industrial Physics

- Coursework: Introduction to Programming I and II (C++, C#), Data Structures & Algorithms

## SKILLS

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

**Libraries/Frameworks:** React, EJS, Node.js, Express, Tailwind CSS, Next.js, Framer-motion

**Databases:** MongoDB, Firebase

**Tools:** Git, GitHub, Netlify, Markdown, VSCode, JetBrains

## EXPERIENCE

### Front-End Developer | Transcend Agency

2023 - Present

- 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, HTML5, CSS3, and JavaScript 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

- Spearheaded the development of a dynamic e-commerce platform, accommodating over 100+ active users
- Leveraged expertise in TypeScript, React.js, React-Query, and Framer Motion for frontend enhancement and Node.js, Express and MongoDB for the backend
- Innovatively designed and implemented a Telegram bot for streamlined delivery logistics

## PROJECTS

### Byte&Crunch | <https://byteandcrunch.onrender.com/>

- Developed an e-commerce platform enabling students to order meals from their rooms.
- Implemented a responsive UI with Tailwind CSS, resulting in seamless product listings.
- Optimized website load time to approximately 30 milliseconds and implemented secure payment processing using Flutterwave.

### 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.

## **VOLUNTEERING**

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

- Co-led the Google Developer Student Club Frontend track
- 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