DAVID NWOBIA

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Full-Stack Developer with 4+ years building scalable web applications from concept to deployment. Expertise in React, Next.js, Node.js, and database architecture. Proven track record delivering production systems serving 200+ daily users, improving performance by 60%, and reducing operational costs by 35%. Skilled in API development, authentication, and cloud deployment.

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, Tailwind CSS, Redux, Zustand, GSAP, Framer Motion, Shadcn/ui
Backend: Node.js, Express.js, RESTful APIs, FastAPI
Database & DevOps: MongoDB, PostgreSQL, Supabase, Firebase, Git, Vercel, CI/CD, Docker

PROFESSIONAL EXPERIENCE

[Pally](#) — Full-Stack Developer | *April 2024 - July 2024*
- Architected full-stack application using Next.js, Node.js, and MongoDB, serving 50+ users, designing RESTful API with 12+ endpoints, handling 100+ daily requests
- Built secure authentication with NextAuth and JWT, achieving 92% onboarding completion rate and optimised MongoDB queries, reducing response time
- Implemented advanced matching algorithm with TypeScript, processing user preferences with 85% accuracy based on user feedback

Oceanz Robotics — Robotics Engineer Intern | *March 2024 - Sept 2024*
- Designed IoT automation solutions for 5+ client projects improving operational efficiency by 40%, programming Arduino systems using Embedded C++
- Developed web-based dashboards using React and Node.js for real-time system monitoring, reducing development cycles by 25%

[Transcend Agency](#) — Frontend Developer | *2023 - 2024*
- Built web applications for 3+ global brands using React, Next.js, and TypeScript with backend API integration, maintaining 98% client satisfaction
- Optimised performance and implemented CI/CD pipelines, reducing page load times by 60% and deployment time from 45 to 8 minutes

[Byte&Crunch](#) — Full-Stack Developer | *2021 - 2023*
- Architected e-commerce platform using MERN stack, serving 50+ daily users, designing MongoDB schema with indexing, improving query performance by 70%
- Built Express.js API with JWT authentication and integrated Flutterwave payment gateway, achieving 99.2% success rate, developed Telegram bot reducing delivery delays by 35%

FEATURED PROJECTS

[Thumbble](#) - Content Creator Feedback Platform | *Next.js, Supabase, Shadcn/ui*
- Developed full-stack feedback platform serving 20+ creators with real-time system and 89% user satisfaction rate

[2048 AI Algorithm Comparison](#) | *Python, NumPy, Numba*
- Implemented AI algorithms (Expectimax, Monte Carlo, NEAT) with benchmark framework, optimising performance with NumPy and Numba, achieving 80% improvement

LEADERSHIP & EDUCATION

Frontend Co-Lead — Google Developer Student Club, Covenant University | *Sept 2024 - July 2025*
- Co-led frontend track for 80+ students, organizing 12+ workshops and mentoring 25+ students with 75% project completion rate

B.Sc. Industrial Physics — Covenant University, Nigeria | CGPA: 4.68/5.0 | *Sept 2021 - Aug 2025*