

JOHN NATHANIEL ADIKWU

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<https://portfolio-rust-gamma-65.vercel.app>

Professional Summary

Versatile Full Stack Developer with experience designing, building, maintaining and deploying scalable web applications. Proficient in front-end and back-end development using JavaScript, React.js, Node.js, and MongoDB. Experienced with RESTful APIs, third-party integrations, and cloud deployment. Passionate about creating seamless user experiences and efficient systems from concept to deployment.

Technical Skills

Front-end: HTML, CSS, JavaScript, React.js, Tailwind CSS, Next.js.

Back-end: Node.js, Express.js.

Database: MongoDB, MySQL.

Tools: Git Version control, GitHub, Postman, Jest, JIRA.

Deployment: Vercel, Render, Netlify, Heroku, AWS.

Other: RESTful APIs, JWT, Stripe, Paystack, WebSockets, Figma, QGIS.

Professional Experience

Full Stack Developer

Solemntech Computer Institute — May 2024 – Present

- Developed responsive mobile-first UIs with React.js and TailwindCSS.
- Built backend services with Node.js and Express.js.
- Integrated MongoDB and MYSQL databases into projects.
- Implemented user authentication with JWT tokens.
- Deployed applications to Vercel and Render.
- Integrated third-party services like Weatherstack, Mapbox, Stripe and Paystack.

- Translated UI/UX designs to functional code.
- Participated in code reviews and discussions.
- Handled and maintained deployment to cloud services. ☑
- Collaborated with cross-functional teams to deliver UI features from idea to deployment.
- Debugged issues with web applications to enhance performance.
- Optimized applications to ensure accessibility, and scalability.
- Utilized industry best practices and prioritized data security and privacy compliance

FTTH Engineer / GPON Design Intern

ipNX Nigeria Ltd. — Jul 2024 – April 2025

- Conducted feasibility studies and site surveys.
- Designed FTTH network layouts, including fiber routes and node
- Utilized GIS tools in network planning and collaborated with field teams.
- Ensured proper splicing, termination, and connectorization of fiber cables.
- Coordinated with contractors and field teams for execution.
- Configured hardware devices.
- Performed Optical Time-Domain Reflectometer (OTDR) and power meter tests.
- Troubleshoot network issues such as fiber cuts, signal loss, or splicing errors.
- Estimated materials required for service activation.
- Selected appropriate network topology (PON, GPON, EPON, etc.).
- Created network diagrams, GIS maps, and carried out documentation.

IT Support Intern

ipNX Nigeria Ltd. — Mar 2022 – Aug 2022

- Supported users with hardware, software, and network issues.
- Troubleshoot and resolved internet connectivity issues.
- Configured, installed, and updated operating systems and applications.
- Managed antivirus and security software to protect against threats.

- Assisted with password resets and security policies
- Monitored server performance and system health.
- Managed shared drives and file permissions.
- Enforced IT security policies and best practices.
- Educated users on Cybersecurity awareness (phishing, malware protection).
- Managed IT issues via Help Desk services.
- Ensured ticket resolution within Service Level Agreement (SLA)
- Configured a wide range of hardware devices such as switches, routers, access points, repeaters, and general networking.
- Documented technical solutions and enhanced system uptime.

Tutor

NFCS FUTMINNA— Mar 2019 – Jan 2024

- Prepared notes in advance for classes.
- Prepared Powerpoint slides for teaching and shared with students.
- Taught students in class.
- Organized mock tests and exams for students.
- Marked tests and exams and shared results.
- Supported students who were lagging behind with personal lessons.

Key Projects

E-commerce Web App

- Built a full-stack e-commerce platform with an admin panel.
- Integrated Stripe and Paystack payment gateways.
- Pushed app to github repository and deployed on Vercel.

Task Manager API

- Built this backend system for managing tasks.
- Implemented full CRUD operations

- Provided support for authentication and file upload.
- Pushed app to github repository and deployed on Render.

Chat App

- Created a real-time chat application using WebSockets and Socket.io,
- Rendered routes with Node.js backend.
- Pushed app to github repository and deployed on Render.

Weather App

- Created a weather report application using external APIs (Weatherstack and Mapbox)
- Rendered routes using Handlebars template engine.
- Pushed app to github repository and deployed on Render.

Portfolio Website

- Developed portfolio website using Next.js.
- Pushed app to github repository and deployed on Vercel.

Education

B.Eng, Telecommunications Engineering

Federal University of Technology, Minna — 2017 – 2024

Certifications

Huawei HCIA Datacom v1 — 2023

Udemy – Complete Node.js Developer Course — 2023

HP LIFE – Data Science & Analytics — 2024

Alison – User Interface Design with Figma — 2025

Linkedin - Taking Charge of Your Career — 2025

Nationa Youth Service Corpers (NYSC), Abuja — 2025

Memberships

Nigerian Society of Engineers - Graduate Member — 2024

