John Nathaniel Adikwu

+2347015976386 || 243B Kirikiri Road Olodi Apapa Lagos
Github || john.jadikwu@gmail.com || Linkedin

EDUCATION

- **Tertiary:** Bachelor of Engineering, Telecommunications Engineering

  Federal University of Technology, Minna (FUTMINNA).   *First Class Honours*   *Jan 15, 2024*

SKILL SET

- **Programming**: C, C++, JavaScript, Python, HTML, CSS, ReactJS, NextJS, TailwindCSS, Nodejs.

- **Technical:** Web development, Networking, IT support, Computer Hardware diagnostics and repairs.

- **Software**: Matlab, Colab, MongoDB Atlas, Postman, Jira Service desk, QGIS, Packet Tracer.

- **Fundamental:** Math**,** Communication, Creativity, Problem-solving, Collaboration

CERTIFICATIONS

- Huawei HCIA Datacom v1.0   *Dec 27, 2023*

CERTIFICATES

- HP Life Data Science and Analytics   *Nov 11, 2024*
- *Graduate Member, Nigerian Society of Engineers (NSE)*   *Aug 3, 2024*
- Udemy Node.js   *Apr 26, 2023*

INDUSTRIAL EXPERIENCE

- **WEB DEVELOPMENT INTERN**

  Solemn Tech Computer Institute

  (May 9, 2024 - Present)

  - Built and maintained responsive web applications using React.js and Node.js.
  - Taught and mentored students on Backend programming using Node.js
  - Collaborated with cross-functional teams to design RESTful APIs for application features.
  - Optimized database queries in MongoDB to improve application performance.
  - Conducted unit testing and debugging to ensure clean and functional code.

- **ENGINEERING INTERN**

  Infrastructure Planning, Quality and Design Department (IPQ) ipNx Nigeria Limited

  (Jul 3, 2024 - Present)

  - Conducted surveys of the location of new customers to determine the route of fibre optic cables.
  - Designed the routes of the fibre optic cables from existing infrastructure to customers home, office or estate depending on the customer; on open street maps.
  - Used Geographic Information Systems to collect and store data related to surveys.
  - Managed and regularly updated the infrastructure data on the database.

- **IT SUPPORT /HELP DESK ANALYST INTERN**

  Information Systems and Technology Department (IS&T) ipNx Nigeria Limited

  (Mar 10, 2022 - Aug 31, 2022)

  - Troubleshot and fixed internal and external application issues without delay, enabling staff to meet up with their deliverable.

- Managed remote and in-office IT issues via the help desk leading to fast issue resolution within the department.
- Inspected, repaired and upgraded faulty laptops/IT equipment for better performance of staff.
- Troubleshot and resolved network related issues.
- Ensured staff within the office were connected to the network.
- Resolved 1200 tickets within Service Level Agreement (SLA) increasing the teams issue resolution quota in appraisal.
- Submitted weekly reports on the teams performance to ensure that all were working inline with their goals.
- Installed necessary applications on new laptops and added them to the company's domain.

- **FREE LANCE WEB DEVELOPER**

  Self-Employed

  (March 18, 2020 - Present)

  - Designed and developed responsive websites for small businesses using various web technologies.
  - Implemented interactive features to improve user engagement and site performance.
  - Ensured SEO best practices and cross-browser compatibility.

SOFTWARE PROJECTS

- **Portfolio Website**
  - Developed a personal portfolio showcasing my projects using Nextjs.
  - Used TailwindCSS to create a clean UI.

- **E-commerce Web App**
  - Developed a full-stack e-commerce application using React.js, Node.js, and MongoDB.
  - Integrated user authentication using JSON web tokens.
  - Integrated Stripe and Razorpay payment gateways.
  - Integrated a product search feature.
  - Deployed the app using Vercel and maintained it on GitHub.

- **Task Manager API**
  - Built a fully functional Task Manager API using Node.js.
  - Integrated user authentication using JSON web tokens.
  - Created end points for performing CRUD operations on tasks.
  - Created end points for logging in and creating new users.
  - Created an end point for avatar upload.
  - Used JEST and POSTMAN to test APIs
  - Integrated 3rd Party API SendGrid for email notification.
  - Deployed the app using Render and maintained it on GitHub.

- **Chat App**
  - Built a full-stack chat application using socket.io, express.js and Node.js.
  - Rendered messages dynamically using musache and handlebars.
  - Implemented Geolocation feature for users to share location.

- Designed the UI using CSS.
- Deployed the app using Render and maintained it on GitHub
- **Weather App**
  - Built a weather app leveraging Weatherstack and Mapbox API.
  - Used handlebars for template rendering.
  - Designed the site using CSS.
  - Deployed the app on Render and maintained it on GitHub.

VOLUNTEER

- **TEACHING**

  Nigerian Federation of Catholic Students (NFCS) St. Malachy's Chaplaincy/National Association of Telecommunication Engineering Students (NATES) *(Jan 17, 2019 - Jan 4, 2024)*
  - Taught first year undergraduate students on Introduction to Computer Programming (CPE111), Inorganic Chemistry (CHM112) and Organic Chemistry (CHM121) in tutorial classes organized by the department and Church community.
  - Taught course mates on various courses in Telecommunications Engineering curriculum including Wireless Communications (CME511), Satellite Communications (CME524), Data Communication (CME 415), Digital Electronics (EEE323), Microcontrollers (CPE416), Antenna and wave Propagation (CME411) in tutorials organized by the class.

- **ENVIRONMENTAL PROTECTION AND SANITATION**

  National Youth Service Corps (NYSC) Community Development Service *(Apr 14, 2024 - present)*
  - Created awareness on sustainable environment management and regeneration
  - Sanitized various public and private institutions.
  - Carried out drainage and erosion control.

- **KITCHEN MANAGER**

  Cibus Place *(Sep 1, 2022 - Jun 30, 2023)*
  - Managed kitchen operations and lead a team of two service employees
  - Provided entertainment to customers.
  - Acquired items from the market
  - Compiled and maintained all financial records.

AWARDS AND RECOGNITION

- Most Intellectual (NFCS)   *Dec 16, 2023*
- Humanitarian and Service Award (NATES)   *Apr 21, 2021*
- Vice Chancellor's List (FUTMINNA)   *Jan 1, 2020*
- Best Student, 100 Level (NATES)   *Apr 10, 2019*

LEADERSHIP

- Group leader, Final Year Project (Telecommunication Engineering Department 500 Level FUTMINNA)   *Jul 27, 2023 - Jan 4, 2024*
- Chairman, Electoral Committee (NFCS)   *Jun 11- Dec 17, 2023*
- President, Queen of Peace Praesidium (NFCS)   *May 19, 2019 - May 16, 2021*
- President, Church Wardens, St. Malachy's Chaplaincy (NFCS)   *May 19, 2019 - May 16, 2021*

- Senior Special Adviser on Sustainable Projects (NATES) *Jun 15, 2019 - Apr 21, 2021*