

NWANKWO, MICHAEL STANLEY

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Detail-oriented and results-driven Full Stack Web Developer with 5+ years of experience designing, developing, and deploying responsive, user-focused web applications. Proficient in both frontend and backend technologies including React.js, Next.js, TypeScript, Node.js, Express, and Laravel. Adept at building scalable RESTful APIs, integrating third-party services, and working with SQL and NoSQL databases. Passionate about writing clean, maintainable code and collaborating with cross-functional teams to deliver high-quality software solutions. Committed to continuous learning and staying updated with emerging web technologies.

SKILLS

- **Programming Languages:** PHP, JavaScript, TypeScript, Python, HTML5, CSS3, SQL
 - **Frameworks & Libraries:** Laravel, Symfony, CodeIgniter, React
 - **Databases:** MySQL, PostgreSQL, MongoDB
 - **Version Control:** Git (GitHub, Bitbucket)
 - **API Integration:** RESTful APIs, SOAP, FIX Protocol
 - **Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP), Microsoft Azure
 - **Web Performance Optimization:** CDN, Redis, Nginx, Varnish, Cloudflare
 - **Authentication & Security:** OAuth 2.0, JWT, SSL/TLS, HTTPS, Two-Factor Authentication (2FA)
 - **Payment Gateway Integration:** PayPal, Stripe, Square; adherence to PCI-DSS standards
 - **Monitoring & Evaluation:** Data tracking, reporting, and performance assessment frameworks
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Work Experience:

Back-End Engineer (Contract)

Resconate Developers | April 2025 – Present

Stack: TypeScript, Express.js, Node.js, PostgreSQL, REST APIs.

Key Responsibilities:

- Designed and implemented scalable RESTful APIs using TypeScript and Express.js, powering mission-critical applications across multiple environments.
- Engineered secure and modular backend architectures to support dynamic frontend applications and third-party integrations.
- Integrated robust authentication and authorization mechanisms including JWT and role-based access controls.
- Optimized SQL queries and database schema design for performance and reliability using PostgreSQL.
- Developed reusable middleware for error handling, request validation, and logging, improving maintainability and debugging efficiency.
- Collaborated with frontend engineers, designers, and product managers to translate business requirements into technical solutions in agile sprints.
- Reduced API response times by over **40%** through performance tuning and optimized database queries.
- Spearheaded the migration of legacy JavaScript APIs to **TypeScript**, increasing code reliability and developer productivity.
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Frontend Developer

Slate Nig – Waste Management Agency, Uyo | January 2025 – present.

Stack: React.js, JavaScript, Axios, CSS Modules, REST APIs

Key Responsibilities:

- Led the design and development of a dynamic admin dashboard for monitoring operations, waste collection schedules, and staff assignments.
- Consumed RESTful APIs from the backend team to render real-time data visualizations, user management, and service analytics.
- Implemented component-based architecture using React.js to ensure code reusability, scalability, and maintainability.
- Developed intuitive UI features including sortable tables, interactive maps, charts and role-based access views.

- Worked closely with backend engineers and stakeholders to align functionality with operational needs and data flow structures.
- Ensured responsiveness across devices using modern CSS techniques and media queries.

Full Stack Web Developer, Docspills GTA Trading Co, Akwa Ibom State. Oct. 2022– April. 2024

Achievements:

- Web Application Testing
- Designed and developed a high-performance trading platform handling real-time data and financial transactions for multiple asset classes (Forex, stocks, crypto).
- Integrated with external APIs (Binance, MT5, FIX Protocol) to fetch market data, process orders, and execute trades in real-time.
- Built a robust authentication system with OAuth2 and JWT for secure access to the platform.
- Implemented caching mechanisms using Redis and Memcached to optimize platform speed and scalability, reducing load times by 40%.
- Developed a reporting module for traders to generate real-time analytics and P&L reports.
- Collaborated with the front-end team to ensure seamless UX across various devices and screen sizes

Professional Certifications

- **Zend Certified PHP Engineer**
Provider: Zend by Perforce
Industry-recognized certification that validates expertise in PHP development, including syntax, data types, OOP, security practices, and enterprise-level application architecture.
- **PHP Developer Certification**
Provider: Udemy
Completed top-rated courses such as “PHP for Beginners” and “Object-Oriented PHP & MVC,” focusing on full-cycle PHP web development using modern best practices.
- **PHP Development with Laravel Certification**
Provider: Coursera

Gained in-depth knowledge of Laravel's MVC framework, Eloquent ORM, middleware, and RESTful API development through hands-on project work.

- **Modern JavaScript (ES6+) Certification**

Provider: Udemy

Covered advanced JavaScript features including ES6+ syntax, asynchronous programming (Promises, async/await), DOM manipulation, and modular architecture.

- **TypeScript: The Complete Developer's Guide**

Provider: Udemy

Mastered TypeScript fundamentals and advanced features such as types, generics, interfaces, and decorators. Built real-world applications integrating TypeScript with Node.js and React.

- **JavaScript Algorithms and Data Structures Certification**

Provider: freeCodeCamp

Completed over 300 hours of coding challenges covering core JavaScript, algorithmic thinking, and data structures including stacks, queues, linked lists, and trees.

EDUCATIONAL QUALIFICATIONS

University Of Uyo, Bachelor of Technology in Computer Engineering

In-view

REFEREES:

Ukpong UKpong

Health Informatics Optimizer ECWES

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