# NWANKWO ERNEST ONYEBUCHI

## Education

**Metallurgical Training Institute Onitsha**  
National Diploma, Electrical Engineering(I&C)  
Jan 2019 - Dec 2021

## Contact Information

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* **Location:** UYO, Nigeria
* **GitHub:** [GitHub Profile](https://github.com/amazinng-blib)
* **Portfolio:** [Portfolio](https://portfolio-2u6f.vercel.app/)

## Years of Experience

3+ years

## Skills

### Front-End Technologies

HTML5, CSS3, JavaScript (ES6+), React, Redux, Next, TypeScript

### Back-End Technologies

Node.js, Express.js

### Databases

MongoDB, MySQL

### Style Sheet

CSS, Material UI, Tailwind CSS, Ant Design, SASS

### Cloud Services

Cloudinary

### Version Control

Git, GitHub

### Tools

VS Code, Postman, Thunder Client

### State Management

Legacy Redux, Redux toolkit, Context

### Frontend Dev - Ip Address Tracker

Jan 2020 Feb 2020

* Utilized an existing Geolocation API to fetch coordinates based on user IP addresses.
* Designed and implemented a responsive and visually appealing React frontend to display user locations on a map.
* Ensured an intuitive user experience through thoughtful UI/UX design principles.
* Implemented best practices to optimize performance and prevent unnecessary re-renders.
* Deployed the application on VERCEL to ensure accessibility

### Full Stack Dev – Secure URL Checker

Mar 2022 Apr 2022

* Conceptualized and developed a secure URL checker application using Node.js and Express.js.
* Implemented secure coding practices to validate and check the security status of URLs.
* Designed and implemented RESTful APIs for seamless integration with other systems.
* Deployed the application on Render and VERCEL for optimal accessibility.

### Backend Dev - Firepips School Management System (Contract)

Oct 2023 - Dec 2023

Firepips is a school management system designed to streamline administrative tasks and enhance communication within educational institutions.

I Built all the backend.

* Spearheaded the development of the full backend for a forex teaching school, enabling seamless content management and secure user interactions.
* Implemented a video uploading system, allowing administrators to upload teaching materials effortlessly.
* Designed and integrated an assignment management system, facilitating easy assignment creation, distribution, and access.
* Developed a blog posting feature, providing a platform for administrators to share valuable insights with users.
* Implemented a payment details module, allowing administrators to track financial transactions related to courses.
* Created API endpoints for assigning user plans upon successful payment verification.
* Integrated the PAYSTACK webhook API to ensure secure and reliable payment verification processes.
* Implemented comment API in the blog post
* I handle email sending using NODEMAILER and GMAIL

### Full Stack Dev – Ernest-predict(prediction site)

Dec 2023 - Jan 2024

* Planned and estimated project features, designed and implemented route optimization algorithm.
* Designed and developed "Ernest Predict," a full-stack prediction site, providing users with daily game predictions and results.
* I implemented CORS configuration to avoid security pitfalls
* Implemented a paginated interface for efficient navigation through daily games and results.
* Ensured data security and privacy by implementing robust user authentication mechanisms.

**Full Stack Dev --- Real State Management Site**

Jan 2024 Feb 2024

* Ensured screen responsiveness for different screen sizes.
* Implemented best practices to optimize performance and prevent unnecessary re-renders.
* Implemented user authentication and authorization mechanisms to ensure secure access to features
* Designed and implemented property creation and listing functionalities, allowing users to showcase their real estate listings.
* I ensured proper validation of inputs to avoid injection attack
* Developed a robust visit booking system, enhancing the user experience and facilitating property visits.
* Integrated a like/favorite feature, enabling users to curate a personalized list of preferred properties.