Chibuikem Daniel Onwu-Obi

Full Stack Developer

[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Technical Skills

- **Primary Stack**: PostgreSQL, Express.js, React, Node.js (PERN)
- **Languages**: Python, JavaScript, PHP, C#, TypeScript
- **Frontend**: HTML5, CSS3, Bootstrap, jQuery, React, TanStack Query, React Router, Tailwindcss
- **Backend**: Flask, Express.js
- **Database**: PostgreSQL
- **Version Control**: Git, GitHub

Education

- **GCSE**
  - Mathematics - 6
  - English - 5
  - Combined Science - 8/8
  - Art - 6
  - Italian - 8
  - Spanish - 9
- **A-Level**
  - Biology - C
  - Chemistry - C
  - Spanish - B

Projects

Interactive Global Data Explorer

[View Project](#)

- Developed a location-based interactive application providing global information and services
- Implemented geolocation functionality for personalized user experience

- Created an interactive map with country borders, markers, and clustering capabilities
- Built responsive modals displaying real-time data from multiple APIs
- **Tech Stack**: HTML/CSS, JavaScript, jQuery, Leaflet, PHP
- Integrated multiple third-party APIs (weather, mapping, country info, currency, news)
- Ensured full responsiveness across all devices

AI Skill Learn Planner

View Project   Source

- Developed an intelligent skill development platform that creates personalized learning paths
- Implemented secure user authentication system with JWT tokens for profile management and OTP authentication for email verification
- Created dynamic skill tracking interface for users to manage their skill inventory
- Built AI-powered learning path generator using Claude API integration
- **Tech Stack**: PERN (PostgreSQL, Express.js, React, Node.js), TypeScript, Tailwind CSS, DaisyUI
- Integrated cloud services including AWS S3 for profile image storage
- Ensured responsive design and intuitive user experience across all devices

Weather Forecast Application

- Developed a 3-day weather forecast application using Python and HTML/CSS
- Implemented API integration for real-time weather data
- Created responsive design for optimal user experience across devices

News Application

- Built a full-stack news aggregation platform using Flask, JavaScript, and Bootstrap
- Implemented responsive frontend design using Bootstrap framework
- Integrated backend API endpoints for data management
- Utilized Flask for server-side routing and data handling

Task Management Application

- Developed a full-stack todo application using Express.js and PostgreSQL
- Implemented CRUD operations with database integration
- Created RESTful API endpoints for task management
- Utilized PostgreSQL for persistent data storage

Morse Code Translator

- Created a Python-based application for translating text to Morse code and vice versa
- Implemented error handling and input validation

● Designed user-friendly interface for text input and output

Tic Tac Toe Game

● Developed an interactive Tic Tac Toe game using Python
● Implemented game logic and win condition verification
● Created command-line interface for player interaction

Technical Proficiencies

● Web Application Development
● Full-Stack Development
● Database Design and Management
● API Integration and Development
● Version Control and Collaboration
● Responsive Web Design
● User Interface Development