

Chibuikem Daniel Onwu-Obi

Full Stack Developer

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | [3D portfolio](#)

Technical Skills

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

Education

- **GCSE (Denbigh 2021 - 2022)**
 - Mathematics - 6
 - English - 5
 - Combined Science - 8/8
 - Art - 6
 - Italian - 8
 - Spanish - 9
- **A-Level (Denbigh 2022 - 2024)**
 - Biology - C
 - Chemistry - C
 - Spanish - B

PROJECTS

Interactive Global Data Explorer

[View Project](#)

Tech Stack: HTML5/CSS3, Bootstrap, JavaScript, jQuery, Leaflet, PHP

- Developed a location-based interactive application providing global information and services
- Implemented geolocation functionality for a personalized user experience
- Created an interactive map with country borders, markers, and clustering capabilities
- Built responsive modals displaying real-time data from multiple APIs
- Integrated multiple third-party APIs (weather, mapping, country info, currency, news)
- Ensured full responsiveness across all devices

Company Directory

[View Project](#)

Tech Stack: HTML5/CSS3, Bootstrap, JavaScript, jQuery, MySQL, PHP

- Developed a company directory single-page application for monitoring personnel, departments, and locations.
- Implemented filtering through the search bar and filtering based on department or location
- Implemented CRUD functionality for creating, editing, and deleting user entries.

AI Skill Learn Planner

[View Project](#) [Source](#)

Tech Stack: React with Typescript, Express.js/Node.js, PostgreSQL, Tailwind CSS, DaisyUI

- Developed an intelligent skill development platform that creates personalized learning paths
- Implemented a secure user authentication system with JWT tokens for profile management and OTP authentication for email verification
- Created a dynamic skill tracking interface for users to manage their skill inventory
- Built an AI-powered learning path generator using Claude API integration
- Integrated cloud services, including AWS S3 for profile image storage
- Ensured responsive design and intuitive user experience across all devices
- Used daisy ui component library and TailwindCSS for consistent UI

Weather Forecast Application

Tech Stack: HTML5, CSS3, Flask

[Source](#)

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

News Application

Tech Stack: HTML5, CSS3, Flask, Bootstrap

[Source](#)

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

Morse Code Translator (Python)

[Source](#)

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

Tic Tac Toe Game (Python)

[Source](#)

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