PELUMI JOSHUA OTEGBOLA

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**Hyperion portfolio link:** https://www.hyperiondev.com/portfolio/PJ24070015358/

**Summary**

I am an organized and self-motivated Web Developer with a strong foundation in Python, JavaScript, Node, Express, React, Redux, Django, HTML, CSS, Bootstrap, and Git. Skilled in creating and deploying efficient web applications with clean, maintainable code. Passionate about problem-solving and continuously updating my technical skills through online boot camps and collegiate courses. I began my coding journey two years ago as a self-taught Front-End Developer and am currently furthering my expertise in back-end development through boot camps. I maintain an average grade of 97% in Software Engineering (Hyperion Dev) and Full Stack Development (IT Career Switch).

**EDUCATIONAL BACKGROUND & PROFESSIONAL TRAINING**

**SOFTWARE ENGINEER BOOTCAMP**

Hyperion Dev (Currently Enrolled) Sept 2024 – Dec 2024

**Key Focus Areas:**

* **Data Structures**: Extensive work with data structures, including 2D lists and algorithms for efficient data management.
* **Object-Oriented Programming (OOP)**: Creating modules and complex class structures.
* **Software Design & Unit Testing**: Designing software architectures and implementing unit tests.
* **Django Framework**: Hands-on experience in backend structure and API integration.

**FULL STACK DEVELOPER TRAINING**

IT Career Switch (Currently Enrolled) Aug 2024 – Aug 2025

**Skills Covered**:

* **Frontend** HTML, CSS, JavaScript, Bootstrap, jQuery, Redux, React.
* **Backend**: Node.js, Express, REST API creation.
* **Databases**: MongoDB, PostgreSQL.
* **Projects**: Includes multiple hands-on projects involving the full stack, from frontend UI/UX to backend logic and database management.

**B.S.C COMPUTER SCIENCE (Second Class Upper)**  
Institute of Science, Economic & Applied Biology (June 2017 – August 2021)

**Key Achievements:**

* **Academic Excellence**: Consistently ranked among the top students, demonstrating a strong foundation in core computer science subjects like algorithms, software engineering, and database systems.
* **Leadership in Team Projects**: demonstrating project management and teamwork skills.
* **Research Contribution**: Contributed to a research project in web development, gaining technical analysis and academic writing experience.

**TECHNICAL EXPERIENCE**

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| **HYPERIONDEV**, Software Engineering Bootcamp | 09/2024 - 12/2024 |

The HyperionDev boot camp is designed to provide intensive training in **Python** and **machine learning**, through hands-on challenges and real-world projects.

* Maintained an overall average of 97%, demonstrating strong problem-solving skills and technical proficiency.
* Mastered Python, data science libraries (NumPy, pandas, scikit-learn), and machine learning model development.

**Projects in Bootcamp:**

* **Data Analysis Project**: Analyzed datasets using pandas and NumPy for data wrangling and visualization.
* **Machine Learning Model**: Built a predictive model using scikit-learn.

**Freelance / Personal Projects**

Self-Taught Front-End Developer (Jul 2022- Present)

* Developed and maintained multiple responsive websites and web applications using HTML, CSS, and JavaScript.
* Built interactive and dynamic UIs with React, including component creation, state management, and routing.
* Integrated third-party APIs, optimized website performance, and focused on user-centered design.
* Continuously improved my skills through online courses, tutorials, and practical project development.

**PERSONAL PROJECTS**

**Weather App**

* Built a dynamic, responsive weather application using **React** and integrated the **Open Weather API** to fetch and display real-time weather data for any location. Implemented **geolocation** for automatic weather updates based on user location. Optimized for desktop and mobile devices, featuring smooth, responsive UI and intuitive navigation. Leveraged **React hooks** for state management and lifecycle methods, ensuring efficient data fetching and display. Added **error handling** and **loading states** to enhance usability. **Key Skills**: API integration, responsive UI design, React state management.

**Appointment Planner**

* Developed a comprehensive **appointment and contact management app** with **React** for seamless scheduling. Users can create and manage contacts, store essential contact details, and schedule appointments with date and time selection. Integrated **validations** to prevent duplicate contacts and overlapping appointments. Utilized **React hooks** for real-time updates, dynamic forms, and smooth state management across contact and appointment lists. **Key Skills**: React component architecture, user-focused UI design, data validation, state handling.

**E-commerce Website**

* Designed and implemented a **responsive e-commerce website** for sneakers, focusing on an optimized shopping experience across devices. Developed an intuitive, user-friendly UI that provides smooth navigation and consistent performance. Integrated essential e-commerce functionalities like product listings, a shopping cart, and checkout workflow. Optimized the site’s **performance and load times** through effective **component management** and state optimization in **React**. **Key Skills**: Responsive design, e-commerce workflow, performance optimization, React component architecture.

**Sticky Note App using Django**

* Built a web-based sticky note app with Django, allowing users to create, organize, and manage notes. Implemented CRUD operations, user authentication, and responsive design.  
  **Key Skills**: Django templates, CRUD operations, database management.

**SOFT SKILLS**

* **Collaboration**: Effective team player with a focus on communication and shared goals.
* **Problem-Solving**: Strong analytical skills, able to break down complex problems and develop solutions.
* **Adaptability**: Quick to learn new technologies and embrace challenges.
* **Attention to Detail**: Ensures accuracy in code and documentation, minimizing errors.
* **Effective Communication** Ability to explain technical concepts to non-technical stakeholders.

**TECHNICAL SKILLS**

* **Programming Languages**: Python, JavaScript
* **Front-End Development**: HTML, CSS, JavaScript, React, Redux, Bootstrap, jQuery
* **Backend Development**: Django, Node.js, Express
* **Web Development**: Full-stack web applications, API integration, Responsive Design
* **Software Engineering**: Object-Oriented Programming (OOP), Version control with Git/GitHub
* **Data Structures & Databases**: 2D Data structures, SQL, MongoDB, PostgreSQL, Data interaction and optimization

**References**

Available on request