

Oladipupo Stephen

Software Engineer, Coding Instructor

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I am a passionate Computer Engineering graduate with experience building several projects that showcase my skills in frontend development using JavaScript, React.js, and TypeScript. I also have a solid foundation in C++ and Python, enabling me to approach problems with a versatile perspective. I am dedicated to continuous learning and collaboration to drive excellence in technology.

Education

University of Lagos (UNILAG)
Bachelor of Science, computer engineering

Lagos, Nigeria
January 2018 – July 2024

Professional Experience

Front end web developer
TIIDELAB, Lagos, Nigeria

Mar 2022 – May 2022

- Collaborated with designers and back-end developers to improve overall site architecture and enhance user interactions.
- Participate in team meetings and contribute to project planning, providing insights and suggestions for improving the development process.

Software Developer Intern
RAOATECH- IT Electro-mech, Lagos, Nigeria

Jan 2023 –Feb 2024

- Developed and maintained responsive web applications using JavaScript, React.js, Next.js and firebase to enhance user experience and site functionality.
- Taught web development fundamentals, including HTML, CSS, and JavaScript, to beginner and intermediate students, fostering hands-on learning and skill development.

Coding and Robotics Instructor
STEMINAI, Lagos, Nigeria

Sept 2024 –Present

- Trained 30+ students to launch their first web projects, making technology education more accessible for beginners.
- Designed and delivered engaging lessons in block-based and text-based programming using Scratch, PictoBlox, Arduino, and introductory Python, enabling students to build interactive projects and develop computational thinking.
- Provided mentorship and individualized support to students.

Projects and Accomplishments

- Essay Naija Writer** | <https://essay-naija.vercel.app/>
- Designed and developed Essay9ja, a robust writing platform with portals for users, writers, and administrators, enabling smooth academic project management.
 - Implemented a comprehensive dashboard with task tracking, proposal submission, budget handling, and real-time messaging features for seamless communication between users and writers.
 - **Tech Stack:** TypeScript, Next.js, Tailwind CSS, React-Redux, Next UI, Axios.
- E-waste Bin Monitor** | <https://e-wastebin-monitor.vercel.app/>
- Built smart waste bin monitor application using React, the application monitors parameters sent by the IOT wastebin to an IOT platform (things speak).
 - **Tech Stack:** Firebase (Back end), React.js (front end), Tailwind(styling), Vite, Git (version control).
 - Used frameworks such as Leaflet.js for map visualization and React chart for graphical data visualization.

Redux-Powered Todo Application | <https://redux-todo-list-topaz.vercel.app/>

- Developed a full-featured task management app showcasing modern React development patterns and state management best practices.
- Implemented real-time filtering, task completion tracking, and responsive design with smooth user interactions.
- **Tech Stack:** React, TypeScript, Redux Toolkit, CSS3

BlooMart E-commerce | <https://bloomart-omega.vercel.app/>

- Developed interactive shopping cart, product showcase, and user interface components without external frameworks or libraries.
- Implemented responsive design principles ensuring optimal user experience across desktop, tablet, and mobile devices.
- **Tech Stack:** HTML5, CSS3, Vanilla JavaScript

Technical Skills

- **Languages:** HTML, CSS3, JavaScript (ES6), Typescript, C++, Python.
- **Frameworks/Libraries:** Bootstrap, Material UI, Next.js, Redux tool Kit, Context API, React Chart.
- **Tools and Platforms:** GitHub, Firebase, Vercel, Figma, Linux.