Aribisala Ibrahim Oladipupo

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1. Professional Summary

A proactive mechatronics engineering student and aspiring MERN developer with hands-on experience in building frontend web applications and digital solutions. Passionate about leveraging technology to solve real-world problems, with demonstrated skills in JavaScript, React, Tailwind CSS, and UI/UX design. A fast learner and creative problem-solver eager to contribute to innovative projects.

2. Technical Skills

• Languages: HTML, CSS, JavaScript (Basics)

• Frameworks & Libraries: React, Node.js, Next.js, Tailwind CSS, Bootstrap, React Router, Ant Design

• Design & Tools: Git, GitHub, NPM, Figma, Slack, Trello, Vercel, Netlify, Firebase, REST APIs

• Concepts: Responsive Design, UI/UX Prototyping, CRUD Operations

3. Projects

**StudyBuddy AI (Still in Building) *|* Full-Stack Web Application *|*** [**GitHub**](https://github.com/IBMTECKO12/studybuddy-ai) ***|*** [**Live**](https://studybuddy-ai-rho.vercel.app/)

• Engineering a responsive MERN stack (MongoDB, Express.js, React, Node.js) web app that serves as an AI-powered learning companion for students.

• Implemented user authentication, a dashboard for tracking learning progress, and interactive features for generating study materials.

• Utilizing modern React hooks for state management and integrating a third-party AI API to provide intelligent tutoring functionality.

**Student Performance Dashboard *|* Data Visualization & React Project *|*** [**GitHub**](https://github.com/IBMTECKO12/Student_Dashboard) ***|*** [**Live**](https://student-dashboard-rosy-three.vercel.app/)

• Developed an interactive single-page application (SPA) with React to visualize academic performance metrics, including grade trends and subject analysis.

• Designed and integrated dynamic charts and graphs using Chart.js to transform raw data into actionable insights.

• Features a clean, intuitive UI built with Tailwind CSS for a seamless user experience.

**MSSN** **Ojokoro Area Council Website *|* Pro Bono Web Development Project *|*** [**GitHub**](https://github.com/IBMTECKO12/mssn-ojokoro-area-council) ***|*** [**Live**](https://mssn-ojokoro-area-council.vercel.app/)

• Built and deployed a modern, responsive official website for the Muslim Students’ Society of Nigeria (MSSN), Ojokoro Chapter.

• Collaborated with the client to design a user-friendly interface (UI/UX) in Figma, ensuring the site met their requirements for information dissemination and event announcements.

• The site features event calendars, photo galleries, and contact forms, increasing community engagement and digital presence.

**Owambe Event App *|* Front-End Concept Project *|*** [**GitHub**](https://github.com/IBMTECKO12/owambeclient) ***|*** [**Live**](https://owambeclient.vercel.app/)

• Designed and prototyped a mobile-first React application for discovering and managing local Nigerian social events (”Owambe”).

• Created high-fidelity mockups and wireframes in Figma, focusing on a vibrant and intuitive user experience.

• Implemented core front-end functionalities, including event filtering, a detailed event view, and a saved events feature.

4. Experience

Start-Up Owner of StudyBuddy AI | Aspiring MERN Developer *|* Student *|* Lagos, Nigeria

• Cultivate a strong passion for coding, consistently practicing and experimenting with new technologies.

• Currently building my first real-life project—**StudyBuddy AI**, a full-stack MERN web application designed to help students learn effectively.

• Have not yet worked for external clients but actively developing skills through personal and open-source projects.

5. Education

Yaba College of Technology, Lagos

National Diploma, Mechatronics Engineering Technology *|* 2024 – Present

Relevant Coursework: Programming Logic, Embedded Systems, Technical Drawing

Lagos Baptist Senior Secondary School, Orile Agege

Senior Secondary Certificate (SSCE) *|* 2019–2021

6. Achievements & Activities

• Active Member, Yabatech Tech Club: Regularly participates in hackathons and collaborative coding sessions.

• STEM Volunteer Mentor: Tutor secondary school students in fundamental programming concepts.

• Completed certifications in Modern React with Hooks, The Web Developer Bootcamp, and UI/UX Design Principles on Udemy/Coursera.

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