

DIVINE UWANDU

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Portfolio: <https://divine-portfolio-web-app.web.app>. Olodi Apapa Lagos state

SUMMARY

Results-driven Software Engineer with 3+ years of extensive experience in JavaScript, TypeScript, and front-end technologies such as React and Next.js. Proven ability to design, build, and maintain responsive applications. Excels in problem-solving, collaborating with cross-functional teams, and delivering projects that align with business goals.

Education

Software Engineer - Codelab by Skill Hub

Programming Language Proficiency

TypeScript, JavaScript, Node.js, HTML5, CSS3.

Frameworks & Libraries: React.js, Next.js, Express.js.

Tools & Technologies: Git, Firebase, Vercel, Webpack, ESLint, Tailwind CSS, MongoDB.

Version Control: Git, GitHub.

Qualification Highlights

- **Strong Front-End Expertise:** Skilled in building responsive, user-friendly interfaces using React.js, Next.js, and CSS frameworks like Tailwind CSS, ensuring optimal user experience.
- **Version Control & Collaboration:** Advanced use of Git and GitHub for version control and team collaboration in Agile development environments.
- **Problem-Solving & Debugging:** Proven ability to troubleshoot and resolve complex software issues with a focus on delivering clean, maintainable code.
- **Back-End Development Proficiency:** Solid understanding of server-side programming with .Node.js, Express.js, and database management using MongoDB and Firebase.
- **Adaptability & Continuous Learning:** Highly adaptable to new technologies and development practices, with a commitment to continuous learning and improvement.
- **Proficient in Full-Stack Development:** Extensive experience with modern web technologies, including JavaScript, TypeScript, React.js, Node.js, and MongoDB, enabling the creation of scalable and efficient applications.

Work Experience

Software Developer WebMET Technologies Calgary, Canada March 2024 - To date.

- Collaborated closely with cross-functional teams, including designers and product managers, to deliver high-quality, scalable solutions that align with business requirements.
- Optimized front-end performance and improved page load times by 20% through code optimization, caching strategies, and efficient asset management.
- Implemented RESTful APLs using Node.js and Express.js, ensuring secure and efficient data transfer between the front-end and back-end.
- Conducted code reviews and provided mentorship to junior developers, promoting best practices in software design and development.
- Utilized version control tools (Git, GitHub) to manage project workflows, track code changes, and collaborate effectively with team members in an Agile environment.

Software Developer (Front-end Development) #CodeLab #Power Learn Hackathon

Dirt2School (<https://dirt2school-web-app.web.app/>) year 2023

- Collaborated with a team to design, develop, and launch a full-stack web application, overseeing the entire project lifecycle from inception to deployment within the hackathon's timeframe.
- Led the front-end development using React (TypeScript), ensuring a user-friendly and

responsive interface by leveraging modern frameworks and tools.

- Utilized MongoDB for comprehensive database management, implementing efficient data structures and queries to optimize performance.
- Employed Styled Components and Tailwind CSS for flexible, responsive, and consistent application styling, creating a visually appealing and cohesive design.
- Managed global application state with Redux, enabling efficient state management and seamless interaction with the back-end.
- Integrated external APIs with Axios, allowing the application to interact with third-party services and retrieve real-time data.
- Handled environment configurations using .env files for securely managing API URLs and sensitive data, ensuring proper deployment practices.
- Prioritized effective time management and responsible task allocation within the team, ensuring all project milestones were met on time.

Software Developer (FullStack Development)

Real Estate Listing Project year 2024

- Developed a robust real estate listing platform, implementing both front-end and back-end functionality using the **MERN stack** (MongoDB, Express, React, and Node.js).
- Utilized **MongoDB Atlas** as a cloud-based database service to store and manage property listings, ensuring data consistency and availability.
- Built a RESTful API using **Express** as the web framework for **Node.js**, handling server-side logic and routing.
- Implemented secure authentication and authorization using **JSON Web Tokens (JWT)** to protect user data and control access to resources.
- Integrated **Vite** for fast and efficient front-end development, streamlining the build process and improving application performance.
- Developed a dynamic and responsive user interface using **React**, providing a seamless user experience for browsing and managing property listings.
- Managed application state effectively with **Redux**, ensuring predictable and centralized state management across various components.
- Integrated **React Router** to handle client-side routing, enabling smooth navigation within the application.
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Software Developer (Front-end Development)

TS-Mastery-Pro (<https://ts-mastery-pro.vercel.app/>) year 2024

- Developed a dynamic **SearchForm** feature with advanced filters to enhance user experience, enabling users to efficiently retrieve and sort data.
- Implemented the search filters using **TypeScript** to ensure robust type safety and improve code maintainability throughout the application.
- Collaborated with UI/UX designers to create an intuitive user interface, focusing on clarity and accessibility, which resulted in improved user engagement.
- Integrated a loading effect utilizing `export const revalidate = 100` to manage data revalidation, providing users with immediate visual feedback during data retrieval and enhancing overall performance.
- Designed and implemented a modal screen to display search results, allowing for a clean and focused user experience. The modal featured easy navigation and interaction for users to explore the results.
- Conducted user testing sessions to gather feedback and iteratively refine both the functionality and UI/UX design, ensuring the feature met user needs and expectations.
- Utilized state management to retain user-selected filters across sessions, making the application more responsive and user-friendly.

