

Covenant Popoola

Web and Mobile App Developer

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Experienced Web and Mobile App Developer with over 6 years of expertise in React, Typescript, and React Native development. Adept at delivering high-quality solutions, I am actively pursuing a Bachelor's Degree in computer science from the University of Ibadan. Eager to contribute my skills and experience for continued success.

EXPERIENCE

Mobile App Developer Intern

Jun 2023 – Aug 2023

SkillsForge

- Designed and built TaskBuddy, a cross-platform mobile app for Android and iOS with a user-friendly and efficient interface.
- Conducted comprehensive testing and debugging to ensure error-free functionality, prioritizing quality assurance for a seamless user experience.
- Integrated third-party APIs and services into TaskBuddy, enhancing its functionality by connecting to external services and data sources.
- Focused on optimizing TaskBuddy's app performance for faster speed, improved responsiveness, and efficient battery usage, resulting in an enhanced user experience and higher app ratings.

Web Development Tutor

Jan 2023 – May 2023

Personal Hire

- Taught coding to children in Saskatchewan, Canada, imparting valuable programming skills and assisting them with various coding questions and challenges.
- Lectured computer science students at the University of Saskatchewan, delivering informative and engaging sessions to share knowledge and expertise.
- Played a key role in guiding and supporting university students with assignments, ensuring they had the necessary resources for success.
- Contributed significantly to the education of both young learners and university students, fostering a deeper understanding of coding and computer science in Saskatchewan.

Mobile App Developer

Jan 2020 – Nov 2023

FarmyApp

- Designed and maintained mobile apps for Android and iOS with a focus on user-friendly UI/UX.
- Conducted rigorous testing and debugging for error-free functionality, ensuring a smooth user experience.
- Integrated third-party APIs and services for enhanced app functionality, optimizing performance for speed and efficiency.

Web Development Facilitator

Jan 2020 – Jan 2020

WorkForce Group

- Taught coding to children from diverse African countries including Ethiopia, Nigeria and Tanzania, sharing knowledge and expertise to develop their programming skills and technological understanding.
- Empowered the next generation by making a positive impact on young learners, equipping them with valuable coding skills and fostering a passion for technology.
- Played a crucial role in bridging the digital divide and contributing to the technological advancement of youth in Africa through education.

WordPress Developer Intern

Nov 2018 – Feb 2019

AgroInfoTech

- Managed content on WordPress websites, involving the creation and updating of text, images, videos, and other media elements.
- Customized WordPress themes, making design changes, modifying CSS, and adjusting layouts to align with the website's branding.
- Assisted in plugin management, including installation, configuration, and updating of WordPress plugins to enhance website functionality.
- Contributed effectively to website development and collaborated with a team to achieve project goals.

PROJECTS

FarmyApp

FarmyApp is an e-commerce cross-platform application that allows farmers and agricultural service providers post their products and services for sale and hire even before the harvest date.

Tools used: React Native, MongoDB, NodeJs, Android Studio, Xcode iOS Simulator.

Feature Implemented

- **User Authentication:** I utilized JWT for managing auth and secure user sessions.
- **Profile Management:** I designed the app with native components and managed the data using MongoDB.
- **Product and Service Listings:** I designed the Product and Services Listing pages including the Store Profile pages using React Native components and MongoDB to store data.
- **Search Functionality:** I enabled searching for products/services, MongoDB for efficient querying.
- **Google Maps Integration:** I also integrated Google Maps for location-based services.
- **Ordering System:** I implemented with React Native, ordering data stored in MongoDB.
- **Payment Integration:** I integrated payment gateways using PayStack and Flutterwave.
- **Push Notifications:** Wrote logic for notification with Native Notify.

Wareview – Product Management System

Wareview is a comprehensive Product Management System designed to streamline the process of managing products and analyzing their performance. I built this with React utilizing TypeScript for robust frontend development, Wareview incorporates Chart.js for intuitive data visualization, allowing users to gain valuable insights into product trends and metrics. I used Node.js for efficient backend logic, Wareview seamlessly integrates with MongoDB for scalable and reliable data storage, ensuring optimal performance and data management capabilities.

Tools used: React, TypeScript, MongoDB, NodeJs, ChartJS.

Feature Implemented

- **User Authentication:** I employed JWT for managing authentication, ensuring secure user sessions. This involved implementing user login, registration, and session management.

functionalities, with customized authentication flows tailored to different user roles: admin, store manager, and user.

- **Profile Management:** I utilized React with TypeScript to design user profiles, enabling users to manage their personal information, preferences, and settings. MongoDB was employed to store and retrieve user profile data efficiently, ensuring seamless profile management experiences for all users.
- **Product and Service Listings:** I developed comprehensive pages for displaying products, services, and store profiles using React components with TypeScript. Leveraging MongoDB, I ensured efficient storage and management of the extensive catalog of products and services offered within the platform, providing users with easy access to relevant information.
- **Search Functionality:** I implemented robust search functionality to facilitate quick and efficient discovery of products. Leveraging MongoDB for optimized querying, I customized search filters and parameters based on user preferences and role, ensuring users can easily find what they're looking for.
- **Ordering System:** I built a seamless ordering system using React with TypeScript, allowing users to browse, select, and order products/services with ease. Role-specific order management features were integrated for admin, store manager, and user roles, with MongoDB used for secure storage and management of order data.
- **Payment Integration:** I integrated leading payment gateways such as PayStack and Flutterwave to enable secure and convenient transactions within the application. Role-specific payment processing and authorization flows were provided for admin and store manager
- **Admin Dashboard:** I developed an intuitive admin dashboard using React with TypeScript, providing centralized access to administrative functionalities. Role-specific views and controls were implemented for managing users, products, orders, and other system settings, with comprehensive data visualization and reporting capabilities to facilitate informed decision-making for administrators.

Agrico

Agrico is an e-commerce android application that allows customers buy groceries and order logistics services from regions around Nigeria

Tools used: React Native, MongoDB, NodeJs, Android Studio.

Feature Implemented

- **User Authentication:** I utilized JWT for managing authentication and ensuring secure user sessions within the application. This included features such as user login, registration, and session management.

- **Profile Management:** I utilized React with TypeScript to design user profiles, enabling users to manage their personal information, preferences, and settings. MongoDB was used to store and retrieve user profile data.
- **Product Listings:** I developed comprehensive pages for displaying products, services, and store profiles using React Native components. I leveraged MongoDB to efficiently store and manage the extensive catalog of products and services offered within the platform.
- **Search Functionality:** I implemented robust search functionality to allow users to quickly and efficiently find desired products and services. This feature utilized MongoDB for performing optimized queries and delivering relevant search results to users.
- **Google Maps Integration:** Additionally, I integrated Google Maps for location-based services, enhancing the user experience with features such as location tracking and mapping functionalities.
- **Ordering System:** I implemented a seamless ordering system using React Native, enabling users to browse products/services, add items to their cart, and complete transactions. Order data was securely stored and managed within MongoDB.
- **Payment Integration:** I integrated leading payment gateways such as PayStack and Flutterwave to facilitate secure and convenient transactions within the application. This integration streamlined the checkout process for users and ensured smooth payment processing.
- **Push Notifications:** I implemented a notification system using Native Notify to enhance user engagement and communication. Users received timely updates, alerts, and notifications regarding order statuses, promotions, and other relevant information, improving overall user experience and engagement.

EDUCATION

Bachelor of Science (B.S.) – Computer Science

Jan 2022 – Dec 2025

University of Ibadan, Ibadan

National Diploma – Computer Science

Sep 2017 – Dec 2020

Federal College of Animal Health and Production Technology

SKILLS

Expert in: React, React Native, Html, Vanilla JS, TypeScript, CSS

Intermediate in: Node, Mongo DB, MySQL

Basic in: PHP, COBOL

HONORS & AWARDS

Contribution to First CBT software

2020

Federal College of Animal Health and Production Technology