JAIYEOLA STEPHEN

Web Developer

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jaiyeolastephen.vercel.app

Summary

A Computer Science graduate with a strong foundation in web development, specializing in creating dynamic, user-centric applications. I possess a problem-solving mindset, write clean, efficient code, and thrive in collaborative environments. Passionate about continuous learning and bringing innovation to web development projects.

EDUCATION

Pearson Institute, Midrand Campus, Gauteng South Africa
Jan 2017 - Dec 2020
Specialization: Computer Science
Academic Achievement: **BSc in Computer Science**

Eduvos, Midrand Campus, Gauteng South Africa
Jan 2021 - Dec 2021
Specialization: Information Technology
Academic Achievement: **BSc Honors in Software Engineering**

App Academy Open
www.appacademy.io
Feb 2023 - Dec 2023
Specialization: Software Development
Academic Achievement: **Software Engineering**

PROFESSIONAL EXPERIENCE

Netcafe Restaurant, Centurion, South Africa
Position: Web Developer
Duration: Jan 2020 - Nov 2020
Remote
Project: Food Ordering System

My Roles:

- **Collaborated** with a team of three developers to design and implement a user-friendly web application for a restaurant, enabling seamless online food ordering.
- **Developed** the front-end interface using HTML, CSS, and Bootstrap, ensuring responsive design and optimal user experience across devices.
- **Engineered** the back-end functionality using PHP and MySQL to handle order processing, customer data management, and inventory tracking.
- **Integrated** payment gateway and order notification systems to streamline transactions and improve customer satisfaction.
- **Optimized** database queries and application logic to enhance performance and reduce loading times, leading to a more efficient user experience.
- **Deployed** the application on a secure server, configuring necessary environments and ensuring reliable uptime and performance.
- **Maintained** the application post-deployment, troubleshooting issues, applying updates, and implementing new features based on client feedback.
- **Documented** the development process, created user manuals, and provided training sessions for the restaurant staff to effectively manage and use the system.
- **Ensured** compliance with web security best practices, safeguarding customer data and maintaining the integrity of the system.

Code-Lab Edu-care, J close 1st Avenue Gwarimpa Abuja
Position: Web Developer
Duration: Jun 2024 – Till Present
Remote
Projects: Echo Media IPTV APP, Escrow APP

My Roles:

IPTV Application Development (React, React Native, Expo)

- **Developed** the front-end of a cross-platform IPTV application, delivering seamless user experiences across web, mobile (iOS and Android), and Android TV platforms.
- **Implemented** responsive and adaptive user interfaces using **React.js** for web and **React Native** with **Expo** for mobile and TV, ensuring consistent design and functionality across devices.
- **Integrated** front-end components with back-end APIs, enabling real-time data synchronization and smooth content streaming.
- **Collaborated** closely with UI/UX designers to translate design mockups into fully functional interfaces, optimizing for touch, remote control, and keyboard navigation.
- **Managed** state efficiently using **Redux**, ensuring real-time updates and reliable application performance across various platforms.
- **Optimized** application performance, reducing load times and enhancing user interaction through techniques like lazy loading, code splitting, and efficient asset management.
- **Worked** on enhancing accessibility features, including voice commands and screen reader compatibility, making the application user-friendly for a broader audience.
- **Tested** and debugged the front-end across multiple platforms and devices, ensuring high performance and consistent user experience.

Escrow Application Development (Next.js, TypeScript, Redux, JWT)

- **Developed** the front-end of a secure and scalable escrow application using **Next.js**, **TypeScript**, and **Redux**, focusing on delivering a responsive and intuitive user interface.
- **Integrated** front-end components with back-end APIs, facilitating seamless and secure transactions between users.
- **Implemented** JWT-based authentication, ensuring secure access and maintaining session integrity across the application.
- **Utilized** complex forms and validation logic with **React** and **TypeScript**, ensuring accurate and secure user input handling.
- **Collaborated** with back-end developers to integrate RESTful APIs and GraphQL, enabling efficient data flow and real-time updates.
- **Optimized** performance with server-side rendering (SSR) and static site generation (SSG) using **Next.js**, improving load times and SEO.
- **Managed** application state using **Redux** and **React Hooks**, maintaining a clean and maintainable codebase.
- **Ensured** cross-browser compatibility and mobile responsiveness, delivering a consistent user experience across various devices and platforms.

Technical Skills

Programming Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, PHP , Python
Front-End Development: React.js, React Native, Redux, Next.js, Expo, Bootstrap, Sass, Responsive Web Design
Back-End Development: Node.js, Express.js, PHP, MySQL, PostgreSQL,

MongoDB
APIs & Integration: RESTful APIs, GraphQL, JWT, OAuth
Version Control & CI/CD: Git & GitHub, Jenkins, GitHub Actions
Web Security: Secure Coding Practices, Encryption, DRM, Authentication & Authorization

Soft Skills

Collaboration & Teamwork: Delivered high-quality applications by effectively collaborating with cross-functional teams.
Communication: Clearly articulated technical concepts to align team efforts.
Problem-Solving: Resolved complex development challenges through debugging and optimization.
Adaptability: Quickly learned and applied new technologies to meet project requirements.
Attention to Detail: Ensured applications were optimized, secure, and user-friendly.
Project Management: Managed tasks using Agile methodologies, meeting deadlines and project milestones.
Creativity: Innovated user interfaces to enhance cross-platform experiences.
Time Management: Balanced multiple projects, maintaining high quality and meeting deadlines.