DARIAN AXEL SAWALI

linkedin.com/in/dariansawali

github.com/dariansawali

dariansawali.me

das14@sfu.ca || (778)-223-3448

Skills

Languages: Java, JavaScript, TypeScript, Python, C#, SQL, HTML, CSS, Kotlin, PHP
Technologies: ReactJS, Node.js, Next.js, Express.js, Tailwind, MUI, MongoDB, Socket.IO, RESTful, SQLite, Jest
Tools: Visual Studio, VS Code, Git, Github, Android Studio, Unity, Eclipse

Work Experience

Web Development Intern - BukaTravel
Sep 2024 - Dec 2024

- Contributed to front-end development using **React** and **Next.js** to enhance web application performance and improve client-side rendering.
- Designed and implemented interactive components using **Figma**, translating design prototypes into functional, user-friendly features.
- Developed and tested components and layouts to enhance user experience, focusing on performance and usability.

Projects

YouTube Clone
Aug 2024

- Designed a responsive UI with **React** and **MUI**, ensuring an optimized viewing experience across desktop and mobile devices.
- Utilized **RESTful API** to integrate video data, enabling features like search, and channel browsing.
- Integrated **Axios** for real-time video data fetching, ensuring transitions between pages and an updated video feed.
- Performed manual testing to verify UI responsiveness, error handling, and data-fetching workflows.

Real-Time Chat Web Application
May - Jul 2024

- Developed a full-stack real-time chat application using **Node.js**, **Express**, and **Socket.IO** for backend services, and **React** for the frontend.
- Managed data persistence and retrieval using **MongoDB**, including schema design and **CRUD** operations for user and message data.
- Created a responsive, intuitive user interface with **React** and **Tailwind**, ensuring compatibility across devices.
- Conducted end-to-end testing to ensure seamless functionality from user login to real-time messaging.

Android Travel Logger App
Oct - Dec 2023

- Created a mobile app in **Android Studio** that tracks user location and steps using **Java** providing a comprehensive fitness tracking solution.
- Integrated **Google Maps API** for navigation and location display, enhancing the user's ability to track and review their movements.
- Implemented voice commands using **Android's Speech Recognition API** to allow users to start and stop tracking sessions hands-free, enhancing usability.
- Developed test plans and performed manual testing, including positive and negative feedback testing, to validate app functionality and sensor performance.

Volunteer Experiences

Vancouver City Blessing
Jan 2021 - Present

Improved logistical planning to ensure a consistent buffer of resources, guaranteeing uninterrupted operations

Education

Simon Fraser University - Bachelor of Science
Jan 2022 - Present

Interactive Arts & Technology Major

Interactive Systems Concentration