

NALUSWA WILLIAM

EDUCATION

Bachelor of Science in Software Engineering

Cavendish University Uganda

2021 - Present

SKILLS

Languages

Dart, Javascript, Html, Css, Node js

Frameworks & Libraries

Flutter, Bloc, provider, GetX, Firebase, HTTP/Dio, Hive, sqflite, Figma, MongoDB, Mongoose, Express Js

Additional Skills

UI/UX Design, Agile Development, Critical thinking, Problem Solving

Mobile App Developer (Flutter)

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<https://www.linkedin.com/in/naluswa-william-b55391245/>

<https://github.com/Naluswa256> Kampala, Uganda

SUMMARY

Flutter Developer | 2+ Years of Experience

I find immense satisfaction in building beautiful, engaging mobile apps with Flutter. Passionate about crafting intuitive UIs, I strive to write clean, efficient code that delivers exceptional user experiences. Proficient in using Firebase Express js, Node.js, and MongoDB, I am a collaborative team player with strong problem-solving skills, eager to apply my expertise to drive innovation in dynamic projects

EXPERIENCE

Flutter Developer (Freelance)

05/2022 - 07/2022

Upwork

Remote

- Developed a Flutter app with Google Maps API for real-time restaurant location and food discount filtering, achieving a 25% increase in user engagement through enhanced usability and location-based services.
- Implemented responsive design principles, achieving a 20% decrease in bounce rate and improved user retention across devices and screen sizes.
- Optimized app performance with lazy loading, Riverpod for state management, and Hive for data caching, reducing load times by 30% and ensuring a smoother user experience.
- Integrated Firebase for real-time database updates and push notifications, significantly enhancing user engagement with timely updates on new discounts and offers.
- Earned a 5-star client rating and positive recommendation for exceptional collaboration and high-quality deliverables, ensuring long-term client satisfaction and partnerships

PROJECTS

Easy-Consult(Flutter App)

- Designed scalable Flutter architecture following the BLoC (Business Logic Component) pattern with clear separation of UI, business logic, and data layers, ensuring enhanced maintainability and future scalability.
- Developed a client-lawyer appointment booking system with secure authentication, real-time updates, and local notifications, optimizing user experience.
- Integrated Flutter app with custom Express.js backend API, ensuring seamless data synchronization and real-time functionality
- Implemented network connectivity handling for seamless user experience across different network conditions in the Flutter app
- Utilized Hive for local data caching, enabling the Flutter app to store fetched data locally and operate offline, enhancing usability in low-connectivity scenarios
- Implemented token refresh mechanism and stored user tokens locally for secure authentication persistence, ensuring seamless user access and convenience across app sessions

<https://github.com/Naluswa256/pairpay>

Easy Consult Backend Rest Api

- Architected and implemented a scalable RESTful API with Express.js, focusing on robust system design and scalability
- Designed and deployed secure user authentication and authorization mechanisms with encryption standards.
- Integrated socket.io for real-time communication, facilitating instant updates and synchronization across users and lawyers
- Optimized MongoDB database operations for efficiency and scalability, employing advanced schema design, indexing strategies, and error handling practices
- Ensured reliability through comprehensive testing using frameworks like Jest and proactive monitoring tools, ensuring high availability and performance

<https://github.com/Naluswa256/lawyer-consult-api>