

RYAN EGBEJULE-JALLA

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Skills

- Flutter | Dart | JavaScript | TypeScript | MongoDB | Node JS | Express JS | NoSQL | Git | Github | Figma | Framer | Generative AI
- Amazon Web Services | Cloud Computing | CI/CD | AWS | Unit Testing | Solidity | Blockchain Development | Game Development
- Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, German – *All professional proficiency or above*

Experience

Backend and Mobile App Engineer  [Cryptonia](#) (Blockchain) Lagos, Nigeria **10/2024 - Present**

- Developed and optimized backend services with **TypeScript**, **Node.js**, and **MongoDB**, enabling efficient data handling and real-time processing while incorporating third-party payment gateways and cryptocurrency disbursement systems.
- Engineered and deployed seamless mobile applications for **Android** and **iOS** platforms using **Flutter**, integrating **Provider** for state management and adhering to the **MVP architecture**, ensuring robust, maintainable, and scalable solutions.
- Implemented secure and scalable payment solutions by integrating **third-party processors** and designing **cryptocurrency** disbursement mechanisms, enhancing transaction efficiency and user trust.
- Enhanced application performance and usability by employing advanced debugging tools, optimizing code for mobile platforms, and collaborating closely with cross-functional teams to deliver timely updates and maintain high-quality standards.

Web Developer  [Optimaviz](#), (Enterprise software) Perth, Australia **03/2024 - 06/2025**

- Developed **scalable** and **efficient** frontend solutions for enterprise-grade software using **Flutter Web**, ensuring seamless performance and usability across multiple users and varied devices.
- Designed and implemented **advanced charting libraries** for complex **data visualization**, including **parallel coordinate charts**, enabling insightful analysis and decision-making for enterprise users.
- Collaborated with product designers to refine user interfaces, ensuring an intuitive and engaging user experience that aligns with industry best practices and client requirements.
- Optimized frontend architecture for scalability and maintainability, leveraging Flutter's capabilities to deliver responsive and feature-rich enterprise applications.

Full-Stack Engineer  [Addscribe](#), (Enterprise software) Delaware, USA **03/2023 - 06/2024**

- Developed backend services with **Node.js**, handling user flows, video generation logic, and scaling logic.
- Deployed microservices on **AWS**, enabling efficient, serverless processing for AI video workflows.
- Integrated AI-driven video creation, allowing brands to generate custom short-form marketing videos at scale.
- Built the full-stack web app using **Flutter Web** for a responsive, interactive user interface.

Mobile App Engineer  [Lola Finance](#) (Fintech) Lagos, Nigeria **02/2023 - 03/2024**

- Successfully migrated mobile application code from legacy systems to a modern architecture, enhancing code maintainability, scalability, and overall system performance.
- Integrated advanced KYC and fraud prevention features on both frontend and backend systems, ensuring regulatory compliance and improving user security.
- Optimized the mobile application architecture to deliver seamless user experiences, leveraging cutting-edge technologies and best practices in fintech development.
- Streamlined backend processes to support robust fraud detection and prevention mechanisms, enabling real-time monitoring and secure transaction handling.

Backend And Mobile App Engineer **Bompay (Fintech)** Lagos, Nigeria**02/2022 - 12/2023**

- Successfully migrated mobile application code from legacy systems to a modern architecture, enhancing code maintainability, scalability, and overall system performance.
- Integrated advanced KYC and fraud prevention features on both frontend and backend systems, ensuring regulatory compliance and improving user security.
- Optimized the mobile application architecture to deliver seamless user experiences, leveraging cutting-edge technologies and best practices in fintech development.
- Streamlined backend processes to support robust fraud detection and prevention mechanisms, enabling real-time monitoring and secure transaction handling.

Technical Lead and Mobile Engineer **UseClik (Social Media App)** Illinois, USA**10/2022 - 11/2023**

- Orchestrated the end-to-end deployment, maintenance, and continuous updates of [Android](#) and [iOS](#) mobile applications on the app stores using cutting-edge technologies such as **Flutter**, **Provider** for state management, and the **MVC (Model-View-Controller)** architecture.
- Proficiently implemented and optimized the mobile app architecture, ensuring scalability, maintainability, and adherence to industry best practices, while utilizing Flutter's robust framework and advanced features.
- Utilized **AWS Lambda** for serverless computing, effectively managing backend processes and executing business logic, resulting in enhanced scalability, cost-efficiency, and overall system performance.
- Proactively resolved complex technical issues by employing advanced debugging techniques and collaborating with team members, resulting in efficient problem-solving and timely delivery of high-quality software.
- Implemented advanced analytics capabilities by integrating **Google Analytics** into the mobile app, allowing for comprehensive tracking and analysis of user behavior, engagement, and performance metrics.

Mobile App Developer **Blite (Consumer App)** Ontario, Canada**03/2021 - 08/2022**

- Collaborated closely with a talented team of developers to translate design concepts into functional mobile applications using **Dart** and **Flutter** framework.
- Successfully deployed mobile applications to [Android](#) and [iOS](#) app stores, utilizing Firebase services for efficient data storage (with **cloud firestore**), **authentication**, and **push notifications**.
- Proficient in implementing and utilizing tools like **Google Analytics** for tracking and analyzing user behavior, as well as **API integration** for enhancing app functionality and connectivity.

Full Stack Engineer **Vidit (Consumer App)** Lagos, Nigeria**01/2020 - 06/2021**

- Successfully spearheaded the development and launch of a scalable and high-performance startup platform utilizing **Flutter** for the frontend and **Node.js** with **AWS** for the backend.
- Implemented efficient data storage and retrieval mechanisms using services such as **MongoDB** and **AWS S3**, ensuring optimal performance, reliability, and data integrity.
- Designed and seamlessly **integrated APIs** to facilitate smooth communication between the frontend and backend components, enabling seamless user interactions and streamlined data flow.
- Implemented robust security measures by incorporating authentication and authorization systems, safeguarding user data and maintaining the utmost privacy.
- Enhanced revenue generation by integrating **Google in-app purchases** with **Revenuecat**, resulting in a significant sales increase of **23 percent**, thus driving business growth and profitability.

Freelance Mobile App Developer**Upwork****02/2020 - 10/2020**

- Mobile multiplayer quiz game with client and server development (**Flutter**, **Cloud firestore**, **Node js**)

Education

Bachelor of Engineering, Federal University Oye-Ekiti Ikole-Ekiti, Nigeria 11/2016, Major in Mechatronics Engineering

Projects

- **Flash Chat:** Creator of a real time group chat web application, [Flash Chat](#) at University hackathon. **(10/2021)** •

Real-Cafe: Developed an ecommerce mobile application for cafe, [Real cafe](#) as a portfolio project **(11/2020)**

Mentorship

- **Mobile Development Tutor Google Developer Student Club:** Programming | Data Structure and Algorithms | Android and iOS development

Others

- **Certificate of Completion 2020 Flutter Bootcamp:** Certificate assigned after completion of bootcamp **(02/2014)**