

D.B ELLIS

Mobile Developer

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PROFESSIONAL SUMMARY

Highly skilled Mobile & Cross-Platform Developer with 5+ years of experience in designing and developing robust, scalable, and user-centric applications for Android, iOS, and Flutter platforms. Expertise in Flutter development, native Android & iOS app development, Firebase integrations, RESTful APIs, and cloud-based services. Proven track record of leading technical teams, optimizing app performance, and delivering high-impact mobile solutions aligned with business goals. Adept at working in remote, Agile environments with a passion for continuous learning and collaboration.

EXPERIENCE

Mobile Flutter Developer, Freelance

April 2020 - Present

- Developed and maintained cross-platform mobile applications using Flutter, reducing app load time by 40% and increasing user retention by 20%.
- Led the development of native Android and iOS applications, implementing clean architecture patterns and ensuring high code maintainability.
- Integrated Firebase for real-time authentication, push notifications, and secure cloud storage, improving app reliability and user engagement.
- Reduced app crashes by 50% through implementing advanced state management techniques and code refactoring.
- Collaborated with remote teams using Agile methodologies, delivering highperformance mobile features aligned with client goals.

Android Developer, Greatest Interactive June 2019- Dec 2021

- Designed and developed native Android applications using Java and Kotlin, optimizing performance and achieving 99.9% app stability.
- Built secure RESTful APIs and backend integrations, resulting in a 30% increase in data transfer efficiency and faster app responses.
- Collaborated on Agile teams, using Scrum methodology to ensure timely delivery of features and regular stakeholder feedback.
- Implemented advanced caching strategies, reducing app data usage by 35% and improving battery life by 20%.
- Integrated third-party libraries and SDKs to enhance functionality and improve the overall user experience on Android devices.

iOS Developer / Freelance Aug 2018 – May 2019

- Developed native iOS applications using Swift, optimizing for both iPhone and iPad, with a focus on smooth user experience and app responsiveness.
- Integrated APIs and third-party services to extend app functionality, leading to a 25% increase in app downloads.
- Designed and implemented custom UI components, ensuring seamless compatibility across various iOS devices.
- Collaborated with cross-functional teams to define app architecture and ensure feature alignment with business goals. • Conducted rigorous testing using Xcode's testing frameworks to ensure stability and reduce production bugs by 30%.

PROJECTS

E-Commerce Platform

Developed a full-stack e-commerce platform using Flutter, Firebase, and RESTful APIs

- Delivered a scalable mobile-first solution with 99.9% uptime, supporting over 10,000 monthly users.
- Implemented a secure payment gateway integration, boosting successful transactions by 15%.

AI-Powered Mental Health App

Designed and developed an AI-powered mental health app using Flutter

- Attracted 5,000 active users within the first three months of launch, integrating Firebase for real-time authentication and secure data storage.
- Utilized advanced machine learning models to personalize user experiences, improving app engagement by 30%.

Sustainable Tech E-Commerce

Created a sustainable tech e-commerce platform using Flutter, React, and Firebase •

Implemented advanced UI/UX features using Flutter and Tailwind CSS, improving user engagement by 40%.

SKILLS

Technical Skills:

- **Programming Languages:** Dart, Kotlin, Swift, React, JavaScript, TypeScript, HTML, CSS
- **Mobile Development:** Flutter for iOS and Android, Cross-platform development
- **Backend Integration:** RESTful APIs, GraphQL

- **Database Technologies:** Firebase, SQLite, MySQL
- **Cloud Services:** Firebase, AWS, Azure
- **UI/UX Design:** Figma, Adobe XD, Wireframing
- **Version Control:** Proficient in Git and GitHub
- **Testing:** Unit and widget testing using Flutter tools
- **Deployment:** Experience with Google Play and App Store submission processes

Soft Skills:

- **Problem-Solving:** Skilled in analyzing issues and developing efficient, scalable solutions.
- **Collaboration:** Strong team player, able to communicate effectively with designers and back-end developers.
- **Adaptability:** Quick learner, comfortable with new technologies and frameworks.
- **Time Management:** Experienced in handling multiple projects and meeting deadlines.
- **Attention to Detail:** Dedicated to delivering clean, maintainable, and efficient code.

EDUCATION

Bachelor of Business Information Technology *Multimedia University of Kenya*

Relevant Coursework:

- **Software Development** – Hands-on experience in coding, debugging, and application design.
- **Data Structures & Algorithms** – Proficient in optimizing code and problemsolving techniques.
- **Web Development** – Skilled in building responsive, user-friendly websites.
- **Database Systems** – Knowledgeable in SQL and database management.
- **Cybersecurity & Network Security** – Foundation in protecting systems from threats and managing secure networks.