

D.B ELLIS

Mobile Developer | Flutter & AI Apps Specialist | Remote-First

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Portfolio: mobile-dev-portfolio.vercel.app

PROFESSIONAL SUMMARY

Results-driven Remote Mobile Developer with 5+ years of experience specializing in Flutter, AI-powered applications, and cloud-based mobile solutions. Proven expertise in scaling platforms to 10K+ users, reducing app crashes by 50%, and optimizing performance by 40%. Skilled in backend integrations (REST APIs, GraphQL), cloud services (AWS, Firebase), and AI/ML integration (TensorFlow Lite, OpenAI APIs). Adept at working in remote Agile teams across multiple time zones, collaborating with designers, backend developers, and product managers to deliver high-impact mobile solutions. Passionate about leveraging cutting-edge technologies to build scalable and user-centric applications.

EXPERIENCE

Mobile Flutter Developer (Remote)

Freelance | April 2020 – Present

- **Developed & deployed** scalable Flutter apps for **global clients** in the US, Europe, and Africa.
- **Reduced app crashes by 50%** through Bloc state management & advanced error handling.
- **Optimized API interactions** using REST & GraphQL, reducing data usage by **35%**.
- **Built Firebase-based authentication, push notifications, and real-time storage**, improving app security & reliability.
- **Integrated AI features** (OpenAI APIs, TensorFlow Lite) to personalize app experiences, increasing engagement by **30%**.
- **Worked with distributed teams** using **Slack, Jira, GitHub, and Trello**.

Android Developer (Hybrid)

Greatest Interactive | June 2019 – Dec 2021

- **Migrated legacy Java codebase to Kotlin**, improving app stability to **99.9%**.
- **Optimized app performance**, reducing API response times by **40%** using Retrofit & SQLite caching.

- **Implemented MVVM architecture**, increasing code maintainability and testability.
- **Built secure REST APIs & integrated third-party SDKs**, improving data transfer efficiency by **30%**.
- **Led Agile Scrum teams**, coordinating with designers, backend engineers, and QA testers to deliver high-performance features.

PROJECTS

AI-Powered Mental Health App | Flutter, Firebase, TensorFlow Lite

- Integrated ML-based sentiment analysis, increasing engagement by 30% and securing 5,000+ active users in 3 months.
- Deployed Firebase Authentication and Cloud Functions for secure data handling.

Scalable E-Commerce Platform | Flutter, AWS, Stripe

- Achieved 99.9% uptime with AWS optimization, reducing server costs by 25%.
- Integrated Stripe/PayPal payment gateways, increasing successful transactions by 15%.

Sustainable Tech Marketplace | Flutter, Firebase, AWS

- Building a carbon-neutral platform with zero downtime deployments, boosting user engagement by 40%.

SKILLS & TECHNOLOGIES

- **Mobile & Frontend:** Flutter (Dart), Android (Kotlin, Java), iOS (Swift), React, TypeScript
- **Backend & APIs:** Node.js, Express.js, REST APIs, GraphQL, Firebase Cloud Functions, MySQL, PostgreSQL, SQLite
- **Cloud & DevOps:** AWS (EC2, Lambda, S3), Azure, CI/CD (GitHub Actions, Docker, Fastlane), Firebase Authentication & Firestore
- **AI & ML:** TensorFlow Lite, OpenAI APIs (Chatbots, AI-driven Features)
- **Remote & Agile:** Slack, Jira, Trello, GitHub, Scrum, Sprint Planning, Cross-Cultural Collaboration

EDUCATION

Bachelor of Business Information Technology

Multimedia University of Kenya

Relevant Coursework: Software Development, Data Structures & Algorithms, Web Development, Database Systems, Cybersecurity & Network Security