

Brian Mahove

Innovating the Future with AI & Custom Software Solutions

Harare, Zimbabwe

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 GitHub: github.com/brianmahove | Portfolio: <https://brianmahove.github.io/portfolio/>

PROFESSIONAL SUMMARY

Innovative and self-driven Flutter Developer with a strong academic background in Computer Science and over 2 years of hands-on experience building cross-platform mobile apps and RESTful APIs. Proven ability to build secure, scalable, and user-friendly applications. Passionate about agriculture, healthcare, and community-focused solutions, with a portfolio that includes AI-powered farm apps, senior care assistants, and church streaming platforms. Strong grasp of clean architecture, state management, and API integration.

CORE SKILLS & TECHNOLOGIES

Frontend (Flutter)

- Dart, Flutter SDK, Material Design, Cupertino Widgets
- State Management: Provider, BLoC, GetX
- Firebase Integration (Auth, Firestore, Cloud Messaging)

Backend

- Laravel (PHP): RESTful API development, Passport
- Node.js (JavaScript): Express.js, REST APIs, JWT Authentication, Mongoose ORM

Databases

- MySQL, SQLite, Firebase Realtime DB
- Payment Gateways: Stripe, PayPal
- Third-party API Integration

Version Control

- Git, GitHub

Other Tools

- Postman for API testing
- VS Code
- Figma for UI Design Collaboration

KEY RESPONSIBILITIES (EXPERIENCE HIGHLIGHTS)

Talent Africa

- **AI/ML Intern**

October 2023 - March 2025 (1 year 6 months)

Harare, Zimbabwe

- **Data Annotator**

June 2024 - October 2024 (5 months)

Harare, Zimbabwe

Freelance Full-Stack Developer | Self-employed

2024 – 2025

- Created 10+ Flutter and Laravel-based apps for small businesses and churches.
- Built custom dashboards, real-time chat features, event announcement platforms.
- Used GitHub for version control and project collaboration.
- Ensured secure, scalable architecture using SOLID and clean code practices.

Projects

EduConnect – Full-Stack Mobile Learning Platform

Flutter, Node.js, Express.js, MongoDB

- Complete online learning app for students and instructors
- Features: JWT authentication, course management, student enrollment, assignment submission, quizzes with auto-grading
- Backend built with Node.js, Express, MongoDB; frontend in Flutter
- RESTful API and role-based access implemented

WhatsApp Clone – Flutter Messaging App

Flutter, Firebase

- Clone of WhatsApp with real-time chat, voice/video calls, media sharing, and group chats
- Includes user authentication, status updates, and modern UI with tab navigation

Notes App – Flutter Notes Manager

Flutter

- Lightweight and clean note-taking app
- Features: quick note creation, edit/delete functionality, empty state and list view
- Focused on simplicity and user productivity

ToDo App – Task Manager

Flutter

- Daily planner app with task creation, editing, and structured list views
- Clean UI with minimal design for improved user efficiency

Modern Snake Game in Flutter

Flutter

- Neon-style Snake game with smooth animation and gesture controls
- Features: power-ups, local high scores, dark/light mode, mobile-optimized UI

AgriXpert – Smart Farming App

Flutter, Node.js, MongoDB, Firebase, OpenWeather API

- AI-powered agriculture app with weather forecasting, disease detection, farm activity planning, and crop/livestock management
- Real-time alerts and community engagement features for farmers

Senior Care Assistant

React Native, Laravel API, Firebase, MongoDB

- Connects seniors with verified caregivers
- Features: appointment booking, chat, SOS emergency help, medication reminders, caregiver tasks and monetization

Church Live Streaming & Community App

Flutter, Laravel API, Firebase

- Mobile app for streaming sermons and fostering church community
- Includes sermon archive, prayer requests, community chat, account settings, and dark mode

EDUCATION

- **University of Zimbabwe**
Bachelor of Science - BS, Computer Science · (August 2021 - August 2025)
- **Inyathi High School**
A Level · (January 2019 - November 2020)
- **Inyathi High School**
Level, Computer Science · (January 2015 - December 2018)

Certifications

- Foundations of User Experience (UX) Design
- Google Cybersecurity Specialization
- Sound the Alarm: Detection and Response
- Create a value proposition canvas in Miro
- Automate Cybersecurity Tasks with Python

OTHER QUALIFICATIONS

- Strong portfolio showcasing **Flutter** apps and **Laravel APIs**
- Experienced in working in agile/scrum environments
- Clear understanding of **clean architecture**, **state management**, and **SOLID principles**
- Comfortable with debugging, writing tests, and using CI/CD tools.

Soft Skills

- Fast learner, team player, and problem solver
- Passionate about impactful tech for farming, healthcare & spirituality
- Excellent communicator and remote collaboration skills

References

Available upon request.

Portfolio: <https://brianmahove.github.io/portfolio/>

