

**Amar Campbell**

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**Location: Jamaica**

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## **Professional Summary**

Innovative and detail-oriented software developer with a focus on mobile and web application development. Expertise in building efficient, user-friendly applications using Flutter, Dart, Java, Kotlin, Android Studio, and JavaScript. Proven track record in creating high-performance apps, including farm management, budgeting, e-commerce, and weather applications. Skilled in UI/UX design using Figma and experienced with modern development practices such as Object-Oriented Programming (OOP), SOLID principles, and design patterns. Adept at working in fast-paced, Agile environments, with a passion for creating impactful digital experiences that drive user engagement and satisfaction.

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## **Skills**

- Programming Languages: Dart, Java, Kotlin, JavaScript
  - Mobile Development: Flutter, Android Studio
  - Web Development: HTML, CSS, JavaScript
  - Databases: SQLite, PostgreSQL, Firebase
  - UI/UX Design: Figma
  - Software Development Principles:
    - Object-Oriented Programming (OOP)
    - SOLID principles
    - Design patterns (MVC, Singleton, Observer)
  - Frameworks & Tools: Flutter SDK, Android SDK
  - Version Control: Git
  - Other: Agile methodologies, problem-solving, UI/UX design principles
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## **Professional Experience**

### **Farm Management App for RADA**

**Client: Rural Agricultural Development Authority (RADA)**

**Technologies Used: Flutter, Dart**

- Contributed to the development of a farm management application for RADA during an apprenticeship.
- Developed a real-time weather data-fetching feature, enabling farmers to make informed decisions.
- Integrated real-time weather APIs for accurate, location-specific forecasting.

- Collaborated closely with teammates to meet project goals, refine app functionality, and improve performance.
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### **Budgeting App**

**Technologies Used: Flutter, Dart, Firebase, Figma**

**Duration: [Project Duration]**

- Designed and developed a user-centric budgeting app, allowing users to set budgets and track expenses.
  - Created a sleek, intuitive interface using Figma, focusing on seamless user experience.
  - Implemented real-time expense tracking, detailed reporting, and spending habit visualizations.
  - Utilized Firebase for secure data storage and user authentication, ensuring data integrity.
  - Applied SOLID principles for maintainable, scalable code.
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### **Cross-Platform E-Commerce App**

**Technologies Used: Flutter, Dart, Firebase, Figma**

- Built a cross-platform e-commerce application, enhancing user shopping experience with easy-to-navigate product listings, cart, and checkout functionalities.
  - Integrated Firebase for backend services, including secure storage and user authentication.
  - Designed responsive, user-friendly interfaces using Figma, improving overall user engagement.
  - Leveraged OOP and design patterns to ensure code scalability and optimize performance.
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### **Native Android E-Commerce App**

**Technologies Used: Java, Android Studio, PostgreSQL**

- Developed an Android-based e-commerce app, focusing on fluid user interactions.
  - Integrated a secure payment gateway, search and filter options, and order history tracking.
  - Managed product data using PostgreSQL, ensuring robust and efficient database operations.
  - Followed SOLID principles and design patterns to enhance application performance and maintainability.
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## **Web-Based To-Do App**

**Technologies Used: HTML, CSS, JavaScript**

- Created a task management web app with functionalities like adding, editing, deleting, and completing tasks.
  - Designed a responsive user interface for optimal performance on both desktop and mobile devices.
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## **Weather Application**

**Technologies Used: HTML, CSS, JavaScript**

- Built a real-time weather application that provides current weather conditions and forecasts.
  - Integrated a third-party weather API, enabling users to search weather by city or location.
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## **Education**

Apprenticeship in Software Development

Amber Heart Academy, Jamaica

September 2023 – September 2024

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## **Certifications**

- HEART Amber Coding Academy Software Development Certificate (Pending)