

Yao Prosper AMEBE

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[GitHub](#) • [LinkedIn](#) • [Twitter](#) • [Portfolio](#)

EDUCATION

MONTGOMERY COLLEGE

Associate of applied science - Cybersecurity

• **Course Highlights:** Networking, Network Security, System Administration

Germantown, MD

Jan. 2024 — Present

UNIVERSITY OF LOME

Bachelor of Science - Computer Science

• **Course Highlights:** Programming, Mathematics, System and Networking Administration

Lome, Togo

Nov. 2019 — Dec. 2023

RELATED EXPERIENCES

SOCIAL INFORMATICS

Flutter Developer (collaborative volunteer).

Remote, Lome, Togo

Jan. 2023 — Present

- Maintain Miabe campus, a mobile application with 10k+ downloads, assisting University of Lome students in daily activities.
- Collaborate closely cross-functional teams to implement updates, enhancing both the user interface and overall functionality, and aligning the app with evolving user needs.
- Support **agile processes**, troubleshoot technical issues, and collaborate effectively with the team.
- Conduct thorough code reviews to maintain coding standards and best practices.
- Take part in weekly meetings and demo days to enhance team communication and collaboration.
- Built a Flutter mobile application for the TDEV festival, enabling efficient ticket scanning and entry management.

S2A Technology

Flutter Developer

Hybrid, Lome, Togo

Sep. 2023 — Dec. 2023

- Identified and resolved critical bugs across Oanke, an e-commerce mobile application, improving overall app performance and user experience.
- Collaborated with backend team to integrate new features, including RESTful API integration, enhancing application functionality and performance.
- Conducted **code refactoring** for improved readability, maintainability, and performance, adhering to best practice and coding standards.
- Applied OO and MVVM design principles for new features integration using Getx for **state management**.
- Designed and developed **custom widgets and features**, ensuring seamless user interactions.
- Conducted **testing and debugging** to ensure high-quality code that minimized future issues.
- Participated in **agile development** processes to ensure timely delivery of a high-quality mobile app.

TECMATRIX

Flutter Developer

Hybrid, Lome, Togo

Apr. 2023 — Aug. 2023

- Led the development of a mobile application from concept to implementation, focusing on delivering a high-quality, user-friendly experience.
- Integrated APIs to enable seamless data exchange and functionality, enhancing the application capabilities.
- Worked closely with the design team to translate UI/UX designs into responsive, interactive, and visually appealing mobile interfaces.
- Implemented map integration for real-time navigation, improving user experience with accurate location tracking and routing.
- Conducted thorough **manual testing** of the application, identifying and addressing bugs and issues prior to deployment.
- Prioritized code efficiency and maintainability by adhering to best practices in Flutter development.

UNESCO INDIA AFRICA HACKATHON

Flutter Developer

Greater Noida, India

Nov. 2022

- Contributed to the development of a Flutter mobile application aimed at analyzing driving habits of combustion engine car users.
- Implemented Firebase as the backend to manage real-time data storage, user authentication, and analytics, ensuring a scalable and reliable application.
- Integrated Google Maps API to collect data on speed, distance, and trip duration, enabling the generation of personalized recommendations for transitioning to electric vehicles.
- Utilized collected data to provide actionable insights, helping users make informed decisions about adopting electric vehicles based on their driving patterns.
- Solved various software development challenges, demonstrating strong problem-solving skills.

PERSONAL PROJECTS

Flutter custom widgets - https://github.com/prosmaw/flutter_custom_widgets

Jul. 2024 — present

- Built **custom Flutter widgets** focusing on creating reusable, flexible components for various animation needs.
- Developed animation-specific widgets using Spring Simulation, Flow, and other animation controllers to enhance app interactivity.

Gemini To-do list - https://github.com/prosmaw/gemini_todo_list

May. 2024 — Jun. 2024

- Implemented user authentication using Flutter and **Firebase Auth** for secure login and signup functionality.

- Developed board and task management features to create, update, delete, and invite users using **Firestore**.
- Schedule task notifications using Firebase **Cloud Functions**, Google **Cloud Tasks**, ensuring timely alerts for due dates and board invitations.
- Integrated natural language processing using **Gemini API**, allowing users to add tasks with simple conversational input.
- Implemented **chat-based insights** using Gemini API for task summaries, recommendations, and insights.

LICENSES & CERTIFICATIONS

Dart Clean Code: Writing High efficiency, Maintainable Dart Programs — LinkedIn Learning

Completed: September 2024

TECHNOLOGY & SKILLS

Languages: Java, Dart, JavaScript, Python, HTML5, CSS3, C++.

Framework & Libraries: Flutter, ReactJs, Tailwind CSS.

Databases: SQLite, MySQL, NoSQL, PostgreSQL, Firebase, MongoDB.

Versioning: Git, Github, Gitlab, Bit Bucket.

Concepts: TDD, MVVM, MVC.

Tools: Android Studio, AWS, VSCode, Figma, Trello, Firebase, Google Cloud Platform, Linux, Canva, Figma.

Soft skills: Problem solving, verbal and written communication, team building, self-initiated, proactive.

Fluent Language: English, French.