

SUMMARY

Versatile software developer with expertise in Flutter for cross-platform mobile development and FastAPI for building efficient backend services. Over a year of experience in crafting high-performance applications with clean, maintainable Dart code and robust state management (Provider, Riverpod, Bloc). Skilled in integrating RESTful APIs, optimizing mobile app performance, and leveraging Firebase, CI/CD pipelines, and Agile methodologies. Strong collaboration skills, working seamlessly with UI/UX designers and backend teams to deliver scalable solutions.

EDUCATION

Kibabii University

Bachelor Degree in Information
Technology 2016-2022

Kamuiru Boys High School

Secondary Education
2011-2014

TECHNICAL SKILLS

- Mobile Development: Flutter, Dart, Android & iOS development
- State Management: Bloc, Provider
- Programming Languages: Dart, Python
- Backend Development: FastAPI, MySQL, Python, RESTful API design
- Database & Cloud services: Firebase, Firestore, MySQL
- UI/UX Design: Figma, Wireframing, Prototyping
- CI/CD & DevOps: Git, GitHub Actions, Firebase App Distribution
- Testing: Unit tests, Widget tests, Integration tests
- Agile & Collaboration: Scrum, Jira, Code Reviews

SOFT SKILLS

- Analytical Thinking
- Problem-Solving
- Communication Team
- Collaboration

LANGUAGE

- English
- Swahili

REFERENCES

Available upon request.

PROJECTS

- Weather App (Flutter + Bloc): Created a weather app integrating OpenWeatherMap API, Bloc for state management, and Geolocator for location-based weather forecasts (<https://github.com/DenisIrungu/Weather-App>)
- Logistics Flutter App (Ongoing): Developing a logistics and delivery management app using Flutter, FastAPI, MySQL, and Firebase for real-time tracking, order management, and user authentication(<https://github.com/DenisIrungu/Logistics-Management-System-UI>)

PROFESSIONAL EXPERIENCE

Flutter Engineer | Software Developer Internship | Azizi Nairobi |September| 2022

- Developed and optimized cross-platform mobile applications using Flutter and Dart, ensuring smooth performance and scalability.
- Implemented state management solutions like Provider and Bloc for efficient app architecture.
- Integrated FastAPI backends with Flutter applications, ensuring seamless RESTful API communication.
- Designed intuitive UI/UX interfaces in Figma, creating wireframes and prototypes that enhanced user experience.
- Optimized mobile application performance by minimizing re-renders, improving animations, and leveraging platform-specific optimizations.

Flutter Engineer | Founder & Developer Freelance | Bungoma | January 3, 2025- Present

- Currently developing a logistics Flutter app to streamline delivery services for small to medium-sized logistics companies.
- Implementing real-time tracking, order management, and user authentication.
- Designing an intuitive UI/UX in Figma, ensuring a seamless user experience.
- Developing the backend using FastAPI with MySQL as the primary database for scalable data storage and retrieval.
- Integrating Google Maps API for route optimization and live tracking.
- Utilizing Firebase for push notifications and authentication.
- Writing unit, widget, and integration tests to ensure app reliability and performance.