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Kireka -Kamuli, Kampala-Uganda

## SKILLS & TECHNOLOGIES

### Programming languages:

- Golang
- Dart
- Python
- Html
- Typescript
- JavaScript

### Frameworks & Libraries:

- GORM
- Flamingo by Golang
- React
- Flutter
- WordPress

### Databases:

- PostgreSQL
- Firebase
- Hive DB
- GORM ORM

### DevOps & Tools:

- Docker
- Git
- CI/CD
- Adminer

### Authentication & Security:

- JWT
- OAuth
- Encryption Techniques

### Software Development Principles:

- Clean Code
- Microservices
- Agile
- TDD

## LANGUAGES

- English

# JAHMIA HEZRON

## SOFTWARE ENGINEER

Innovative and detail-oriented Software Engineer with expertise in Golang, Flutter, React.js, TypeScript, and DevOps. Passionate about developing scalable, efficient, and user-friendly applications while following clean code principles. I possess a strong background in Information Technology, full-stack development, and UI/UX design. Experienced in using Docker for containerization and deployment.

## EDUCATION

- **Bachelor's in Information Technology (2022 – Ongoing)**  
Cavendish University Uganda
- **Diploma in Computer Engineering (2016 – 2018)**  
Management Training and Advisory Centre (MTAC)
- **Certificate in Computing and Information Systems (2015 – 2016)**  
Management Training and Advisory Centre (MTAC)

## WORK EXPERIENCE

### Frontend Developer – Ishop Corporation Ltd (Contract)

*2025May – Present*

I am currently contracted at Ishop Corporation Ltd as a frontend developer, contributing to the development of a scalable e-commerce platform tailored to Ugandan businesses. From the outset, the team recognized that building a meaningful solution required a strong understanding of local business challenges, and I've been actively involved in designing intuitive user interfaces that respond to those needs. This role is sharpening my frontend development skills and giving me valuable experience in a collaborative, product-focused engineering environment.

### Web Developer - BM Publications (Contract)

*August 2024 - Present*

Since August 2024, I have worked as a contract developer with BM Publications under the leadership of Muhumuza Brian. My role involves building and customizing websites for their clients using WordPress. I handle everything from theme customization and plugin integration to deployment and post-launch support. The contract-based nature of this work has honed my ability to deliver high-quality solutions quickly, while maintaining clear communication and flexibility with clients.

### Full stack Developer: Zaantu Software Consultancy

*2024 - 2025*

I joined Zaantu Software Consultancy as a frontend developer but quickly transitioned to full-stack developer, then software engineer, and eventually CTO. As CTO, I led the engineering team, managed task assignments, ensured project deadlines were met, and collaborated closely with stakeholders on product decisions. I played a major role in designing and deploying several production systems, and this position significantly advanced my skills in Golang, system architecture, and leadership within Agile environments.

### Flutter Bootcamp Intern: Innovation Hub, Ntinda

*2023 May - June*

In mid-2023, I attended a two-month Flutter Bootcamp at the Innovation Hub in Ntinda. This experience gave me strong hands-on training in Flutter and Dart, laying the groundwork for my mobile development skills. I learned the essentials

of building cross-platform applications, working with Firebase, managing app state, and following clean architecture principles.

### **IT & Computer Science Teacher: Harvest International Christian School** *2020 - 2022*

From 2020 to 2022, I worked as an IT and Computer Science teacher at Harvest International Christian School. In addition to teaching, I was responsible for managing the school's print server and providing technical support across departments. I worked closely with the IT Administrator to keep the school's IT infrastructure running smoothly. Though my role ended due to administrative downsizing, I took pride in my work and the positive impact I had on students and staff alike.

## **PROJECTS**

### **Ishop Corporation Ltd**

- Developed secure sign-up and login components integrated with backend authentication APIs.
- Implemented token-based account verification via email after registration.
- Built a "Forgot Password" flow using email reset links or OTPs, based on API support.
- Aligned UI form fields and validation rules with backend API requirements.
- Handled API integration, including loading states, success messages, and error handling.

### **Umoja Connect (Learning & Networking Platform)**

- Designed and developed the backend using Golang with a JWT-based authentication system.
- Implemented role-based access control for learners and instructors.
- Integrated Web Sockets for real-time chat functionality.
- Utilized Docker Compose and Kubernetes for deployment and scaling.

### **Depression Diagnosis System (AI-Powered Mental Health Assessment)**

- Built a Golang backend to manage user data, symptoms, and AI analysis results.
- Implemented an NLP-based chatbot and symptom analysis using Python and TensorFlow.
- Developed a secure database using PostgreSQL with encryption for sensitive medical data.
- Designed a Flutter-based mobile application for self-assessment and psychiatrist consultations.

### **Bulk SMS Messenger (Golang & Africa's Talking API)**

- Developed a Golang-based bulk SMS application using Flamingo.
- Integrated Africa's Talking API to facilitate SMS delivery.
- Designed a role-based dashboard for message scheduling and status tracking.

### **Personal Finance Manager (Flutter & Hive DB)**

- Built a Flutter-based mobile application for budget tracking and expense management.
- Used Hive DB for offline-first storage and data persistence.
- Implemented intuitive UI/UX for seamless financial planning.