

SALUM RASHID SEMBE

SOFTWARE DEVELOPER

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Objective

To secure a challenging software development position in a dynamic and forward-thinking organization where I can leverage my technical expertise and problem-solving skills to drive innovative solutions and contribute to impactful projects.

Experience

2 +

LevelsProTech (Software Developer) - Remote

2022 - Current

- We develop innovative software solutions to streamline and automate daily tasks, enhancing productivity and simplifying routines.

Geoclimatz (System Administrator) - Remote

2024 - Current

- **Infrastructure Management:** Overseeing and maintaining servers, databases, and network systems to ensure reliable data storage, processing, and accessibility.

- **Data Security:** Implementing and managing security measures to protect sensitive climate data from unauthorized access and breaches.

Education

Sokoine University of Agriculture

2019 - 2022

Major: Diploma in Information Technology

Skills

- Programming Languages: Python, JavaScript, SQL
- Web Development: Python (Django, REST API), JavaScript (HTML, CSS)
- Mobile App Development: Flutter (Dart)
- API Testing: Postman, OWASP Nettacker, Sqlmap
- Mini Programs Development: JavaScript, AXML, ACSS, JSON
- Version Control: Git, GitHub
- Database Management: MySQL, PostgreSQL, Sqlite

Projects

ONLINE PAST PAPERS SUBSCRIPTION APP

- Developed an app that allows students to buy past papers online for their specific courses by subscribing to different packages.
- **Technologies Used:**
 - Frontend: Flutter (Dart)
 - Backend: Django with Django REST Framework (Python)
- **Responsibilities:**
 - Designed and implemented the user interface using Flutter
 - Developed RESTful API endpoints with Django REST Framework
 - Integrated frontend with backend services
 - Conducted thorough testing using Postman to ensure API functionality and security

VICTORY COLLAGE, ABUMARIAM SAFARI, LEVELSPROTECH WEBSITE +

- By using frontend languages like HTML, CSS, and JavaScript, I build and deploy websites online for customers. I also utilize Django for backend development to create robust and dynamic web applications.

CHEKA PLUS MINI APPLICATION

- I have collaborated with other developers to build a mobile app that runs as a mini program within the Vodacom main application for booking tickets and streaming comedy shows and events within the app, by subscribing to different packages.
- **Description:** Utilized stack languages to accomplish the frontend design and integration of an existing backend.
- **Technologies Used:**
 - Frontend: JavaScript, AXML, ACSS, JSON
- **Features:**
 - Seamless integration with existing backend services
 - Interactive and responsive user interface
 - Dynamic data rendering based on user inputs and backend responses

SMART SCHOOL MOBILE APPLICATION

- Developed an app for LevelsProTech that helps teachers automate their daily tasks, such as planning results, scheduling timetables, managing tasks, and merging multiple results from Excel files.
- **Technologies Used:**
 - Frontend: Flutter (Dart)
 - Backend: Django with Django REST Framework (Python)