Tsegaye Melese

Software Developer

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PROFILE

Information Systems graduate with a background in IT support, programming, and software development. Skilled in troubleshooting and providing technical solutions. Successfully developed projects such as the Ethiopian Sign Language Interpreter app, DVLCA website, and SRH360 mobile app . Passionate about creating impactful software and actively seeking opportunities to apply expertise in software development and IT infrastructure.

EDUCATION

B.Sc. in Information Systems　　　　　　　　　　　　　　　　　　　　　　　2019 – 2023
Bahirdar University　　　　　　　　　　　　　　　　　　　　　　　　　　Bahirdar, Ethiopia
- Recipient of Best Project Award for Ethiopian Sign Language Interpreter app.

SKILLS

Hard Skills
- Proficient: Flutter, JavaScript, HTML, CSS,Firebase,Git,React Bootstrap
- Intermediate: MySQL
- Familiar: Python, REST APIs

Soft Skills
- **Communication**: Ability to convey technical concepts clearly to both technical and non-technical stakeholders.
- **Teamwork**: Experience collaborating effectively with cross-functional teams to achieve project goals.
- **Problem-Solving**: Strong analytical skills to identify issues and develop effective solutions in a timely manner.

PROJECTS

Ethiopian Sign Language Interpreter
ETHSLI
- Developed a mobile app using **Flutter** and **Firebase** to translate Ethiopian Sign Language into text in real time.
- Integrated **machine learning models** for sign recognition.
- App was tested with **100+ users** and received positive feedback for accessibility, earning the **Best Project Award** at Bahir-Dar University.

Sexual and Reproductive Health
RiseupSRH
- Created a mobile app focused on sexual and reproductive health using **Flutter** and **Firebase** backend, offering resources and dynamic content updates.
- Collaborated with healthcare professionals to ensure accurate and relevant content, enhancing user satisfaction.

Driver and Vehicle Licensing and Control Authority
DVLCA
- Built a responsive website using **HTML, CSS, Bootstrap**, and **JavaScript** to provide information about drivers and vehicles.
- Optimized the site for mobile devices, improving user access.
- Integrated dynamic content using **MySQL**, allowing users to search for driver and vehicle data efficiently.

AWARDS

Best Project Award
Bahir-Dar University
- I achieved this award from Bahir-Dar University for my final year project called ETHSLI

WORK HISTORY

IT Support   present
Tewos Technology   Addis ababa, Ethiopia
- Provided technical support to clients, resolving over **50** hardware and software issues.
- Assisted with the installation and configuration of **20+** computer systems and applications, improving efficiency for clients.

LANGUAGES

Amharic   ● ● ● ● ●   English   ● ● ● ● ○