Tsegaye Melese

Software Developer

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PROFILE

Information Systems graduate with expertise in software development, IT support, and mobile app programming. Proficient in Flutter, JavaScript, and Firebase, with a proven track record of delivering impactful projects like the award-winning Ethiopian Sign Language Interpreter app. Passionate about leveraging technical skills in software engineering and IT infrastructure to solve real-world problems.

EDUCATION

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

SKILLS

- Website Development
- Mobile App Development
- Flutter
- JavaScript
- Firebase
- React
- MySQL
- Communication
- Teamwork
- Problem-Solving

LANGUAGES

Amharic ● ● ● ● ●   English ● ● ● ● ○

AWARDS

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

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.

Job Portal

- A user-friendly platform connecting job seekers and employers in Ethiopia, featuring advanced search filters, resume uploads, and real-time notifications for opportunities.