

JITU EWNETU HAILU

SOFTWARE ENGINEER | SOCIAL IMPACT ADVOCATE

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SUMMARY

Detail-oriented and impact-driven Software Engineer graduate with strong skills in frontend development, UI/UX design, and software project collaboration. Experienced in React, web design, and social impact tech projects through roles at Girl Effect and Ubuntu School of Life. Demonstrated ability to manage real-life tech solutions, contribute to open-source, and build user-centered applications. Passionate about using technology for innovation, youth empowerment, and creating scalable solutions. Seeking to contribute to forward-thinking teams that value creativity, ownership, and real-world impact.

TECHNICAL SKILLS

Technical Skills

Python, Java, JavaScript, React, Redux, HTML5/CSS3, Tailwind CSS, Bootstrap, jQuery, SQL, Firebase, Android Studio, Git, GitHub, GitHub Desktop, IntelliJ IDEA, VS Code, Figma, Canva, MySQL, Linux CLI, Docker, Kubernetes, AWS

Research & Academic Interests

Bias evaluation, dataset creation, low-resource language processing, machine translation systems, human-centered computing, inclusive technology design

Soft Skills

Leadership, communication, teamwork, mentoring, public speaking, adaptability, community engagement, critical thinking

PROFESSIONAL EXPERIENCE

Ubuntu School of Life

Social Media Manager & Website Developer (Aug 2023 – September 2024)

- Designed and maintained the organization's website, ensuring user-friendly navigation.
- Created and executed social media strategies to engage and expand the community effectively.

YeneHealth (Internship)

Front-End Developer (May 2024 – Aug 2024)

- Improved women's access to essential healthcare by developing intuitive digital interfaces.
- Gained experience in applying technology to address gender-specific healthcare challenges

Girl Effect

Youth Advisor/ On-call basis Advisor (Aug 2021 -Present)

- Represented youth voices in program and content design across multiple international campaigns focused on girls' empowerment and digital well-being.
- Contributed to research, co-design sessions, and product testing to ensure youth-centered and culturally relevant experiences.
- Participated in global workshops and panel discussions, amplifying youth perspectives on gender, tech, and access.
- Collaborated with multidisciplinary teams to shape inclusive strategies in health, education, and technology content targeting adolescent girls.

RESEARCH & PROJECTS

Bias in Machine Translation Systems

- Conducting research on gender and cultural biases in NLP systems for Amharic, Tigrinya, and Afan Oromo. Focused on creating gender-balanced datasets and evaluating existing AI systems to improve inclusivity.
- Creating and curating specialized datasets tailored for underrepresented languages to enhance model training and performance.
- Analyzing linguistic and cultural challenges affecting translation quality and proposing data-driven solutions.

Health Sync — Final Year Project

- Developed a web-based platform to streamline health data synchronization between patients and healthcare providers, enhancing communication and record accuracy.
- Implemented user-friendly interfaces using React.js and responsive design principles to ensure accessibility across devices.
- Integrated secure data storage and real-time updates to support timely decision-making in healthcare management.
- Collaborated with a multidisciplinary team, applying Agile methodologies to deliver features incrementally and gather user feedback for continuous improvement.
- Managed version control and project coordination via GitHub, ensuring efficient teamwork and code quality.

EDUCATION

Bachelor of Science in Software Engineering and computing technologies

Addis Ababa University (2021–2025)

Relevant coursework: Artificial Intelligence, Natural Language Processing, Web Development, Data Structures and Algorithms, Software Engineering Principles, Human-Computer Interaction (HCI)
Research focus: Machine Translation and gender bias evaluation in NLP systems for Ethiopian languages.

ADDITIONAL INFORMATION

Languages:

- English
- Amharic
- Afaan Oromo.

Awards / Activities:

- Addis Zemen Newspaper Role Model Feature (2024)
- International Day of the Girl Speaker (2024)
- International Girls in ICT Day panelist (2023)

Volunteer Work: Youth advocacy and mentoring with local community organizations

REFERENCES

Available upon request.