

Biruk Dessalegn Birhanu Software Engineer

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[🔗 Portfolio](#)

Profile

Motivated and skilled **Software Developer** with experience in **web, mobile, and cybersecurity** development. Proficient in **React, Flutter, Tailwind CSS, and Leaflet**, focused on building secure and efficient applications. Demonstrated strong problem-solving skills as a **Yekolo Temari CTF winner**. Passionate about innovation, digital security, and continuous learning.

Education

05/2022 – 06/2026 **Bachelor of Software Engineering**
Tepi, Ethiopia *Mizan Tepi University*

- **CGPA: 3.79**
- **Key coursework:** Networking, DSA, Web Development (Server-Side Rendering), Mobile App Development, Operating Systems, and Cyber security.

Professional Experience

08/2025 – 09/2025 **Mobile App Developer**
Addis Ababa *Kuraz Technologies*

- Developed and maintained the **OCU Care mobile application** using **Flutter**, designed to **monitor and improve eye health for users**.

03/2025 – 07/2025 **Full Stack Developer**
Addis Ababa *Information Network Security Administration (INSA)*

- Designed and developed core modules for the **Transport Management System** to manage vehicles, routes, and driver assignments efficiently.

08/2025 – Present **Cyber Security Trainee**
Addis Ababa *Information Network Security Administration (INSA)*

- Trained in **network security, threat detection, and ethical hacking principles** through hands-on lab simulations.
- Contributed to a security-focused project titled **Web Vulnerability Scanner**, designed to **detect and report Major web security flaws in websites using mainly OWASP tools**.

Skills

Frontend:

React.js, Next.js, Flutter, Dart

Backend:

Spring boot, Node.js, Express.js

Database

MySql, MongoDB, Firebase, Supabase

Projects

09/2025 – Present **Open MRS** [🔗](#)
A modern, comprehensive healthcare management system built with Next.js, TypeScript, and Supabase.

04/2025 – 07/2025 **Theatre Ticketing website** [🔗](#)

- Developed a **web application** for **booking and managing theatre tickets** with an intuitive and user-friendly interface.