

# Dibora Berhanu Emiru

✉ [deborahberhanu644@gmail.com](mailto:deborahberhanu644@gmail.com) ☎ +251977320146 🌐 [Website](#) 🐙 [Github](#) 🌐 [Linkedin](#) 🔄 [Leetcode](#)

## EDUCATION

**Addis Ababa University** | [13th Best University in Africa](#)  
**Bachelor of Computer Science**  
CGPA: 3.75/4.0

Jun 2021 - Jul 2024  
Addis Ababa, Ethiopia

**Africa To Silicon Valley (A2SV)** | [Backed by Google](#)

Mar 2023 - Oct 2023

Software development and Competitive programming

Addis Ababa, Ethiopia

A2SV is a non-profit organization backed by Google that provides programming education in Ethiopia, Ghana, and remotely across all of Africa. There, I received top-notch education in data structures and algorithms. A2SV students achieved a remarkable **70%** success rate (**50+** students) in Google, Amazon, Databricks, LinkedIn, and Palantir interviews as of 2023.

## TECHNICAL SKILLS

**Backend:** ASP.NET, Node.js **Version control:** Git, GitHub **Languages:** Python, Java, JavaScript, Typescript, C++, C#  
**Frontend:** React, Next.js, Tailwind CSS, HTML, CSS, Bootstrap, Cypress, Flutter **Databases:** MongoDB, PostgreSQL

## WORK EXPERIENCE

[Eskalate Software Development](#)

Oct 2023 - Present

Web development internship

Addis Ababa, Ethiopia

- Implement Hakim Hub, an AI-based medical recommendation system for Ethiopia, using conversational interfaces to offer personalized doctor and medical facility suggestions, aiding the **18%** of the population without healthcare access.
- Code responsive web pages utilizing React, Next.js, and TailwindCSS, resulting in a **7%** increase in page loading speed.
- Collaborate with backend engineers to seamlessly integrate API, backend logic, and datastore with the frontend UI, resulting in a **5%** reduction in load time.

## PROJECTS

**CustomEd** | [Github](#) | Typescript, NextJS, Redux toolkit query, Tailwind CSS, Figma

- Develop an educational platform for personalized learning paths using Generative AI in a team of **4**, with virtual classrooms for universities, seamless student-teacher interaction, resource sharing, and in-depth assessment analysis.
- Spearheaded the comprehensive revamping of the system architecture to enhance scalability by **20%**.
- Engineer a cutting-edge frontend solution that seamlessly interfaces with backend APIs, resulting in improved overall system performance by **20%**.

**Wander Wise** | [Github](#) | NextJS, React, Tailwind CSS, NodeJS, MongoDB

- Build a personalized travel recommendation system with Generative AI, leveraging user travel history and ratings to assist **30%** of travelers in choosing their next destination.
- Lead the implementation of API endpoints and business logic with Node.js, while also spearheading the design and creation of an optimized database schema, resulting in efficient data management and seamless system functionality.
- Compose responsive web pages using React, Next.js, and TailwindCSS frameworks to enhance the user experience.

## EXTRACURRICULAR

[GOOGLE DEVELOPER STUDENT CLUB\(GDSC\)](#)

Sep 2023 – Jan 2024

Addis Ababa University GDSC core team member and social media manager

Addis Ababa, Ethiopia

- Achieved **61%** growth in social media following and organized GitHub learning session with 30+ participants.

## ACHIEVEMENTS

- Joined college being in the top **0.1%** of **450,000+** students in the 2021 Ethiopian University Entrance Examination ([EUEE](#)).
- **500+** problems solved on [Leetcode](#) and [Codeforces](#) in total.
- Secured a **top-40** ranking out of **150+** projects from **47** African countries in the Generative AI Hackathon for Africa, reaching the semi-finalist stage.( [Certificate](#) )