

Dibora Berhanu Emiru

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EDUCATION

Addis Ababa University | [13th Best University in Africa](#) June 2021 - Present(Expected graduation July 2024)
Bachelor of Computer Science Addis Ababa, Ethiopia
CGPA: 3.75/4.0

Africa To Silicon Valley (A2SV) | [Backed by Google](#) March 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 **Databases:** MongoDB, PostgreSQL

WORK EXPERIENCE

[Eskalate Software Development](#) Oct 2023 - Present
Web development internship Addis Ababa, Ethiopia

- Implementing 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.
- Engineering responsive web pages utilizing React, Next.js, and TailwindCSS, resulting in a **7%** increase in page loading speed.
- Collaborating 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 | [Typescript](#), [NextJS](#), [Redux toolkit query](#), [Tailwind CSS](#), [Figma](#)

- Developing 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.
- Revamping the system architecture comprehensively to enhance scalability by **20%**.
- Engineering a cutting-edge frontend solution that harmoniously interfaces with backend APIs.

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

- Building a personalized travel recommendation system with Generative AI, leveraging user travel history and ratings to assist [30%](#) of travelers in choosing their next destination.
- Implementing API endpoints and business logic with Node.js, alongside designing and creating an optimized database schema.
- Crafting responsive web pages using React, Next.js, and TailwindCSS frameworks.

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](#))