

Haileamlak Derbie

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🐙Github

inLinkedIn

🔗Leetcode

EDUCATION

Ethiopian Defence University, College of Engineering [🔗](#)
Bachelor of Technology in Computer Science

Bishoftu, Ethiopia
May 2022 - July 2027

- Relevant Coursework: Software Engineering, Data Structures and Algorithms, Advanced Databases, Object Oriented Programming, Data Communication and Computer Networks, Artificial Intelligence and Machine Learning
- CGPA: 3.97 / 4

Africa To Silicon Valley (A2SV) [🔗](#)
Software Engineering Training Program (Backed by Google)

Remote
January 2025 - present

- Throughout my time at A2SV, I sharpened my problem-solving skills by solving 500+ problems on Leetcode and Codeforces and completed over 1,000 hours of Data Structures and Algorithms training.

PROFESSIONAL EXPERIENCE

NEWAVE HI TECH SOLUTIONS [🔗](#)
Software automation Intern

Addis Ababa, Ethiopia
March 2022 – May 2022

- Set up and maintained Jitsi video conferencing servers on company infrastructure to enhance internal communication and remote collaboration.
- Deployed and configured open-source software solutions on Linux servers, ensuring high availability and security.
- Automated key business workflows using custom scripts and open-source tools, reducing manual effort and improving operational efficiency across departments.

Senaycreatives [🔗](#)
Backend Developer

Bishoftu, Ethiopia
June 2023 - July 2025

- Developed backend services and APIs for e-commerce websites, supporting product management, user authentication.
- Contributed to the design and development of senaymovies, a movie streaming platform, implementing key backend functionalities to support seamless video streaming and user experience by fetching from external APIs.
- Worked closely with frontend teams to integrate backend services, delivering cohesive full-stack solutions within tight deadlines

PROJECTS

OMI| React, Javascript, WebSockets, WebRTC

- Built a real-time video chat platform enabling strangers to connect and communicate via text and video calls, leveraging WebRTC for peer-to-peer media streaming.
- Implemented a matching algorithm that defaults to connecting users with the opposite sex, while maintaining randomization for diverse interactions.
- Integrated Websockets for real-time signaling, enabling low latency session setup and seamless connection management.

LEADERSHIP AND EXTRACURRICULAR

Founder & Lead Organizer, Decoders Tech Club

- Founded a tech club focused on problem-solving, competitive programming, and team-based projects
- Organized and hosted bi-weekly competitive programming contests on Codeforces, growing participation by 40% within 3 months and enhancing members' problem-solving skills through detailed feedback

TECHNICAL SKILLS

Programming Languages: Python, C, JavaScript, TypeScript, Golang, Java

Development Tools and skills: GraphQL, Docker, CI/CD, PostgreSQL, SQL, MySQL, MongoDB, Postman, Powershell, Tailwind CSS, Git, Github, Redis, Websockets, Tailwindcss