Sisay Tadewos

Frontend Developer



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- Ethiopia
- Male/he
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- github.com/Sisyetad
- https://leetcode.com/u/Sisyetad/

PROFILE

A dedicated and passionated student with a strong foundation in applied mathematics, data structures, and algorithms. Aspiring to become an Ai data scientist, I am eager to leverage my analytical and programming skills to develop innovative Ai solutions that can drive positive change. Seeking opportunities to further specialize in Ai and contribute to impactful projects in the field.



English

Amharic



Self Employee

Frontend developer 11/2024 – Present | Addis Ababa, Ethiopia Participate

Medical Scheduler Project

Mobile Developer

05/2025 - 06/2025 | Adiss Abeba, Ethiopia

Medical Scheduler has two business logics

- Employee management
- Patient History Management System
- Developed a system for managing and tracking patient medical histories, enabling streamlined scheduling, data retrieval, and patient record management. Implemented efficient data structures and secure storage practices to ensure data integrity and privacy.
- Built a web and mobile application to assist healthcare providers in scheduling appointments.

Features include automated time slot allocation, conflict resolution, and user-friendly interfaces for both patients and doctors by using flutter framework and nestjs backend.

- By using the clean architecture with DDD.
- https://github.com/Sisyetad/MedicalScheduler ☑

Demera

Ai Training

10/2024 - Present | Addis Ababa, Ethiopia

Ai-Based Tic-Tac-Toe Game

- Description: Created a Tic-Tac-Toe game using Python, implementing Al algorithms like dynamic programming for optimal decision-making.
- Technologies Used: Python

Link: Sisyetad/DSA-TicTacToe-python (github.com).



Software engineer, Bachelor of Science in Software engineer

Addis Ababa University

01/2023 - Present | Addis Ababa, Ethiopia

Relevant Coursework:

Applied Mathematics

Data Structures and Algorithms (Recursion, Dynamic

Programming, algorithmic thinking)

Web Development (HTML, CSS, JavaScript)

Object-Oriented Programming (python, Java, dart)

Databases(MySQL, postgresql)

Mobile Development (dart, flutter)

Data structure and Algorithm , Bachelor of Science ${\tt A2SV}$

o1/2025 – Present | Addis Ababa, Ethiopia
As an A2SV student with a strong foundation in Data
Structures and Algorithms, I have gained hands-on
experience in solving complex problems using arrays,
linked lists, trees, graphs, recursion, and dynamic
programming. I am proficient in applying top-down and
bottom-up DP techniques to optimization challenges and
have developed a competitive programming mindset
through consistent practice. With a passion for Al, I enjoy
applying algorithmic thinking to real world challenges
and have worked on projects involving Al-driven solutions.
I'm skilled in code optimization, debugging system, and
collaborating in team environments to build efficient and
scalable solutions.

Self Training

Backend with Django



Data Science

Applied mathematics, data structures and algorithms, dynamic programming, recursion

dynamic programming, recursion

Al & Machine Learning
Basic understanding and eager to learn more
now a time training model for my projects

Mobile Development • • • •

Flutter framework

Tools • • • •

Git, Visual Studio Code, anaconda, juypeter

Soft Skills • • • • •

Analytical thinking, problem-solving, time management, teamwork, communication