

Bethe Bayou *Software Engineering Student*

✉ bethebayou@gmail.com

🐙 github.com/bethe19

☎ +251920420134

📍 Addis Ababa, Ethiopia

📌 t.me/bethe19

🌐 [Bethe-Bayou](#)

Profile

Bethe Bayou Belete

Software Engineering undergraduate with a strong foundation in **Applied mathematics (I, II, III), Data structures and algorithms, and Object-Oriented Programming**. Proficient in **C++, Python, Java, and JavaScript**, with hands on projects in web development using **HTML, CSS, Java Script**. Currently learning basics of **Machine Learning/ Deep Learning** and **backend development**.

Education

B.Sc. in Software Engineering

2023 – 2028 (expected year)

Addis Ababa University College of Technology and
Built Environments – CTBE (formerly AAiT)

Skills

Programming Languages

- C++
- Java
- JavaScript
- Python

AI and ML

- Regression Models
- ML fundamentals

Web Development

- HTML and CSS
- JavaScript

Concepts

- DSA
- OOP

Tools

- VS Code
- Git/Github
- IntelliJ IDEA
- Figma
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Soft Skills

- Problem Solving
- Collaboration

Projects

Moodie | a mood-based movie discovery website | 2025

Live Preview 🌐 | 🔄

- Developed to deliver personalized movie recommendations using **TMDB API**. Built with **JavaScript, HTML, and CSS**, it features a dynamic interface where users input their mood to receive curated movie suggestions, enhancing user engagement.
- **Currently in progress**, the project showcases skills in web development, **API integration**, and user-focused design, with plans to incorporate machine learning for improved recommendation accuracy.