

Henok Asaye

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Websites, Portfolios, Profiles

- <https://www.linkedin.com/in/henok-asaye/>
- <https://github.com/HenokAsaye>
- <https://leetcode.com/u/HenokAsaye/>

Dedicated software developer with strong problem-solving abilities and proficiency in Python. Experienced in backend development and proficient on platforms like LeetCode and Codeforces, having successfully solved over 40 problems. Skilled in creating and managing backend applications and APIs. Approaches projects with a collaborative mindset, ready to drive impactful tech solutions within a team-oriented environment.



Skills

Python

JavaScript

Java

Node.js

Express.js

MongoDB

PostgreSQL

Git

Data Structure and Algorithm

Problem-Solving

Proactive



Education

Jan 2027

Bachelor of Science: Software Engineering

Addis Ababa University

Expected Graduation Date: 2027



Problemsolvingexperience

LeetCode, Codeforces, Solved over 100 problems on LeetCode and Codeforces, focused on algorithm optimization, data structures, and competitive coding skills. Utilized Python extensively to solve challenges across varying difficulty levels, improving speed, efficiency, and solution scalability. Developed a consistent approach to tackling algorithmic problems, enhancing code clarity and problem-solving proficiency., Worked on multiple collaborative coding projects, where I communicated regularly with team members to troubleshoot, brainstorm, and optimize project outcomes. Proven ability to adapt to team environments, taking initiative in problem-solving while valuing the insights and ideas of others.



Projects

SocialMediaApi, Developed a backend for user signup and authentication, utilizing bcrypt for password hashing and allowing profile picture uploads. Implemented robust testing with Jest and Supertest, ensuring reliability and security in API functionality., Authentication, API testing, user management Book Note Vault, Created a book notes management system with PostgreSQL, aimed at providing a personal repository similar to the sive.rs/book format. Focused on efficient data storage and seamless user experience in managing and retrieving book-related data., Database management, backend development, user data handling ReadNest, Designed and implemented a book wishlist management application with MongoDB Atlas. Built functionalities for user authentication, book management, and genre filtering, allowing users to efficiently organize their reading goals., Authentication, CRUD operations, API development, MongoDB integration



Personal Qualities

- Strong 'never-give-up' mentality and enthusiasm for tackling new challenges, aligning well with A2SV's mission to drive tech excellence.
- Demonstrated resilience in problem-solving, especially through competitive programming and backend projects that required patience and innovation to overcome complex issues.



Certifications

[Area of certification] Training - [Timeframe]