

Yonas Sintayehu Abebe

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EDUCATION

Computer Science and Engineering

05/2022 – 06/2026 | Adama, Ethiopia

Adama Science and Technology University(ASTU)

- **Relevant Courses:** Data Structures and Algorithms, Information Storage and Retrieval, Object-Oriented Programming in Java, Fundamentals of Programming with C++, Advanced Programming with Java, Artificial Intelligence, Data Communication and Computer Networks, Computer Architecture and Organization, Software Requirements Engineering, Introduction to Computing with Python.

Competitive Programming and Coding Academy

07/2023 – 10/2024 | Adama, Ethiopia

Africa to Silicon Valley 🌐

- AzSV, a Google-backed tech academy, has placed over **60** high-potential students in top tech companies.
- Completed over **1,000** hours of Data Structures and Algorithms training.
- Solved more than **1300** problems on **leetcode** 🌐 and **codeforces** 🌐.

PROFESSIONAL EXPERIENCE

Software Engineer Intern

08/2024 – 10/2024 | Adama, Ethiopia

Eskalate 🌐

A platform that connects top African talent with job opportunities.

- Collaborated effectively with a cross-functional team of **13** developers to build a blogging site project, achieving a **20%** reduction in project delivery time through effective utilization of **Agile methodologies**.
- Contributed to the backend team by developing a **RESTful API** for a blogging site using **Go** and the **Gin** framework.
- Reviewed colleagues' code for quality assurance, ensuring adherence to best practices and high standards.
- Enhanced overall user experience by integrating an AI chatting system that uses **Google's Gemini LLM API**.
- Applied database indexing in **MongoDB** for fuzzy search, improving query efficiency by up to **30%**.

SKILLS

Languages: Python, Go, C++, JavaScript, Java, HTML, CSS, SQL | **Frameworks / Libraries:** Django, Gin | **Databases:** MongoDB, MySQL

Technologies / Platforms: Docker, Git/Github, Linux, Postman, Swagger

PROJECTS

Molla Shop 🌐

09/2023 – 10/2023

• **Tech Stack used:** Django, Microsoft SQL Server, JavaScript, HTML, CSS

- Developed an ecommerce site specifically tailored for buying and selling Ethiopian Cultural Clothes by using Django.
- Implemented the key features such as authentication & authorization, product browsing, shopping cart functionality, and order management.

Furniture Store API 🌐

10/2023 – 11/2023

Aims to address the challenges of inventory management while enhancing the interaction between customers and store owners.

• **Tech Stack used:** Python, Django Rest Framework (DRF), MySQL

- Reduced system payload by **90%** by implementing pagination in GET request responses.
- Enhanced the system security by implementing **JWT-based authorization** and role-based access using **djoser**.

ACHIEVEMENTS

African and Arab Collegiate Programming Championship (ACPC) Finalist (2024) 🌐

29/06/2024

- Achieved **4th** place out of **72** teams in the 2024 ICPC Ethiopian Collegiate Programming Contest (EtCPC), earning the honor of representing Ethiopia in the 2024 Arab and African Collegiate Programming Championship (ACPC).

1st place in the CSEC semester closing contest 🌐

09/06/2024

- Secured **1st** place with my team in the CSEC semester closing contest, a 5-hour coding competition among over **25** teams, where we successfully solved **8** out of **12** problems.

1st Place AzSVian of the Education phase, Africa to Silicon Valley

31/05/2024

- Recognized for outstanding attendance, remarkable contest performances and unwavering consistency for the 2024/2025 (ASTU) Education phase out of **45** students.

VOLUNTEER AND EXTRACURRICULAR

CSEC-ASTU (Computer Science and Engineering club - ASTU) 🌐

03/2024 – present

Contest team Co-head, Mentor

- Created and Supervised weekly contests organized within the club.
- Engaged in one-on-one sessions every two weeks to provide mentorship to new students who joined the club during their DSA education.

Ethiopian Collegiate Programming Contest (EtCPC) 🌐

06/2023 – 10/2023

Problem bank active member

- Contributed to designing and preparing contest problems for over **10** contests.
- Organized the 8th ICPC National Contest in Ethiopia, attended by over **500** participants. (Certificate) 🌐