### Samuel Girma Asfaw

#### Summary

A motivated 5th-year Software Engineering student at Addis Ababa Science and Technology University with a strong foundation in problem-solving, algorithms, and collaborative software development. Good foundation in programming languages such as python, C++, Java, HTML, CSS, and JavaScript, with experience designing efficient solutions and building innovative applications. Passionate about continuous learning, teamwork, and creating impactful software solutions in dynamic environments.

# Experience

#### Efyuye Gela Technology Event and Consultancy

June 11, 2025 - September 4, 2025

Internship, Backend developer

Piassa

https://efuye-gela-lovat.vercel.app/

During my internship, I worked as a **Backend Developer**, gaining hands-on experience in full-stack development. My role involved designing and implementing secure backend APIs using **Next.js**, **Prisma ORM**, **PostgreSQL**, **and JWT authentication**, while integrating **Supabase for real-time synchronization** and deploying the system on **Vercel**. In my **capstone project**, (a real-time chat application), I applied all these technologies to deliver features such as user authentication, profile management, group creation, and real-time messaging. This project strengthened my expertise in **backend engineering**, **authentication**, **and scalable application design**, while also enhancing my **teamwork**, **problem-solving**, and **project management skills**.

capstone project link : <a href="https://chat-app-b12t.vercel.app/">https://chat-app-b12t.vercel.app/</a>

#### Education

#### Addis Ababa Science and Technology University

**April 2022 - Present** 

Bachelor's Degree

Software Engineering
Relevant Coursework:

Data Structures and Algorithms, Advanced Programming, Operating Systems, System Design, Object-Oriented Programming, Computer Networking, Computer Graphics, Computer Organization and Architecture, Software Requirements Engineering (SRE), Software Quality Assurance and Testing (SQAT)

### Projects

#### Chat-app

June 11, 2025 - September 4, 2025

A full-stack chat app with real-time messaging

https://chat-app-b12t.vercel.app/

a full-stack chat platform enabling secure user authentication, profile management, group creation, and real-time messaging. Built the project with Next.js, Prisma ORM, PostgreSQL, and JWT authentication, integrated Supabase for real-time synchronization, and deployed on Vercel. Demonstrated skills in backend engineering, cloud deployment, and scalable application design.

next.js, prisma, supabase, jwt, vercel

#### E-Commerce website

September 2024

A high-performance Progressive Web App with offline capabilities.

https://github.com/Sam44556/ecommerce

A responsive e-commerce web application where users can browse, search, and filter products, add items to the cart, and log in securely via Google authentication. Built with React, Tailwind CSS, Node.js, and MongoDB.

 $React, Googe Auth, tailwind \, css, \, Nodejs, \, Mongo Db \,$ 

**Quiz App**React quiz app with timed questions

January 2024

https://github.com/Sam44556/quiz-app

A responsive quiz application built with React that fetches questions from an API, allows navigation between questions, includes a timer, and displays results at the end of the quiz."

React

# Student-Course-Management-System

July 2025

Django REST API endpoints for course management system

https://github.com/Sam44556/Student-Course-Management-System

A backend API project built to manage courses, enrollments, assignments, and grading with secure role-based authentication for admins, instructors, and students.

Django, jwt, PostgreSQL

### Profiles

### Linkedin

https://www.linkedin.com/in/samuel-girma-28046a299

### GitHub

https://github.com/Sam44556

## Skills

### **Programming Languages**

JavaScript, C++, Python, Java, Html/CSS, TypeScript

## Technical Skills

Next.js, React, Tailwind Css, Node.js, Django, Mysql, PostgreSQL

## Tools and Platforms:

Github/Git, VsCode

### Soft Skills

Teamwork, Problem-solving, Communication

### Languages

### Amharic

Native

English

Fluent