

# Tsiyon Gashaw Mihretu *Software Engineer*

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## 🎓 EDUCATION

- Software Engineering Trainee, Africa to Silicon Valley, Coding Academy (Backed by Google)** [🔗](#) Jan 2025 – Present  
Addis Ababa, Ethiopia
- Solved 400+ algorithmic problems on platforms like LeetCode and Codeforces, focusing on data structures and algorithms.
  - Relevant Coursework: Data Structures & Algorithms
- Bachelor of Science in Software Engineering, Addis Ababa Science and Technology University** [🔗](#) May 2022 – Jun 2027  
Addis Ababa, Ethiopia
- CGPA 3.56/4.00
- Relevant Coursework: DataStructure and algorithm, Advanced Programming, Operating System Design, Object Oriented Programming, C++, Java, web development.

## 📁 PROFESSIONAL EXPERIENCE

- Backend Developer Intern, AfriDATAi Technology Solutions** [🔗](#) Mar 2025 – Present  
Addis Ababa, Ethiopia
- Engineered a production-grade Expert Registration Database System using Django and DRF, ensuring smooth performance for **200+ expert profiles** through database indexing.
  - Implemented JWT authentication and rate limiting, securing **100% of API requests** and supporting **200+ expert queries daily**.
  - Streamlined expert registration workflows for admins, reducing onboarding time from **3 days to 1 day**.
- Backend Developer, Kefita technologies PLC** [🔗](#) Jun 2024 – Sep 2024  
Addis Ababa, Ethiopia
- Led the development of a digital Tenant & Landlord Management System using React for frontend and django DRF for backend, replacing paper-based processes across Ethiopia and enabling **100+ landlords** to manage tenants more efficiently.
  - Built and deployed a role-based access control system, ensuring secure access for **200+ users**.

## 📁 PROJECTS

- Parents portal** [🔗](#) Jul 2024 – Sep 2025
- Launched an academic tracking system that sends weekly reports to **100+ parents**, covering the progress of **300+ students** using django DRF and PostgreSQL.
  - Increased student attendance by 40% and improved overall grades across the user base.
- Unigram** [🔗](#) Jan 2024 – Jan 2024
- Built a platform prototype during a hackathon enabling **100+ Ethiopian university students** to connect, share resources, and support each other academically by employing the power of python and React.js.
  - Developed collaboration features (comment sections, study circles, content sharing) within **3 weeks**, showcased to **5+ judges/mentors** and tested by **10+ peers**.

## 🏆 LEADERSHIP AND EXTRACURRICULAR

- Mentorship** Dec 2024 – Apr 2025
- Guided 15+ students in Django development, leading to 5 completed full-stack applications and improved coding proficiency.
- Team Leading Experience** Nov 2024 – Mar 2025  
Addis Ababa, Ethiopia
- Directed different teams of **10–15 members** at GDSC AASTU and sheCodesAASTU, coordinating **4 projects** and ensuring 100% on-time milestone delivery.

## 🏆 Awards

- Winner – Cursor Vibe Coding Hackathon (Ethiopia's First Edition)** [🔗](#) Jul 2025
- Secured 1st place and awarded \$500 Cursor Premium subscription, recognized for building an innovative, production-ready solution under time constraints.
- Presidential Award for Academic Excellence** [🔗](#) Feb 2025
- Honored twice by the University President for maintaining perfect semester GPAs (3.89 and 3.96) and ranking among the top students in the Faculty of Software Engineering.

## 🧠 Technical Skills

### Programming languages

Dart | Python | PHP | Java | C++ | JavaScript

### Frameworks

Django | React JS | Flutter | Firebase | Supabase

### Databases

MySQL | PostgreSQL | MongoDB