

# Fenet Damena Tefera

## Software Engineer

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### EDUCATION

**Adama Science and Technology University, BSc in Software Engineering** ⓘ 05/2021 – 07/2026 | Adama, Ethiopia  
CGPA: 3.83/4.0

• **Relevant Coursework:** Data Structures & Algorithms, Web & Mobile Application Development, Artificial Intelligence Operating Systems, Computer Networking, Databases, Object-Oriented Programming,.

**Africa To Silicon Valley | A2SV - Backed by Google** ⓘ 12/2024 – Present | Adama, Ethiopia

- provided training in data structures and algorithms, along with soft skills development and professional growth workshops.
- A2SV has trained **1,000+ developers**, with **115+** placed at **top tech companies** including **Google, Amazon, Bloomberg, and LinkedIn**.

**Alx Africa, Software Engineering Programme** ⓘ 08/2023 – 02/2025 | Remote

• **Relevant Coursework:** Linux and Command Line, C programming, Algorithms, Python, Databases, Web Development.

### PROFESSIONAL EXPERIENCE

**Software Engineer Intern, Eskalate** ⓘ 07/2025 – 09/2025 | Adama, Ethiopia

- **Developed the A2SV Application Platform**, a scalable web starter project using **Next.js, RTK Query, Axios, and Tailwind CSS**, improving development efficiency and reducing **project delivery time by 30%** through Agile sprint planning.
- Reviewed and optimized 10+ pull requests weekly, ensuring high **code quality, maintainability, and adherence** to best development practices.

**Software Developer Intern, ASTU ICT Center** ⓘ 07/2024 – 09/2024 | Adama, Ethiopia

- Designed and developed a **full-stack web application** to automate employee performance evaluation, improving efficiency by **60%** and ensuring transparency.
- Built **secure authentication and role-based access** using Django and REST API to streamline management workflows.
- Implemented **interactive React dashboards** for real-time performance tracking, analytics, and report generation.

### PROJECTS

#### ShopAlly ⓘ

AI-powered shopping assistant for AliExpress recommendations and alerts

- Contributed to development, design, and API integration of ShopAlly, an AI-powered shopping assistant for AliExpress recommendations and alerts.
- Built responsive interfaces with Next.js and TypeScript, integrating backend APIs to show AI-synthesized recommendations (+25% engagement).
- Launched the MVP in 2 weeks with a 15-member team, collaborating on AI search and real-time price alerts (+60% data speed).

#### BarsiisaaApp ⓘ

Educational Language Learning Web Application

- **Developed responsive web interfaces** using **React, TypeScript, and Tailwind CSS**, integrating the **Web Speech API** for **text-to-speech functionality**, which enhanced accessibility and improved user interaction by **25%**.
- Built **interactive bilingual modules and games** (Afan Oromo & English) with audio feedback and adaptive difficulty, improving learning efficiency by ~25%.

### ACHIEVEMENTS

**Women Techmakers** ⓘ apr/2025 | Addis Ababa, Ethiopia

**3rd Place – WomenTechmakers Hackathon:** Achieved third place with my team for developing the **TILA Mobile App**, an AI-based risk alert system for women that reduces safety risks by 20%.

**Adama Science and Technology University** ⓘ march /2024 | Adama, Ethiopia

• Received recognition and award on International Women's Day as one of the outstanding female students of Adama Science and Technology University.

#### 600+ Problems Solved on LeetCode and Codeforces

• Mastered algorithmic thinking through the successful resolution of over 600 problems on Leetcode, HackerRank and codeforce platforms

### LEADERSHIP AND EXTRACURRICULAR

#### e-SHE Ambassador ⓘ

Represented the **e-SHE program** at various stages in collaboration with **Arizona State University, Mastercard Foundation, and the Ministry of Education**, leading presentations, workshops, and community campaigns that boosted **student engagement by 40%**.

#### e-SHE Young Advisory Group

Served as **President of YAG**, leading and coordinating activities for **25 members**, promoting digital learning to 5,000+ students.

### SKILLS

**Programming Languages:** Python, C++, TypeScript, JavaScript | **Frameworks / Libraries:** React.js, Next.js, Express.js, Tailwind CSS | **Version Control:** Git, Github | **Databases / Tools:** MySQL, MongoDB, Git, CI/CD (GitHub Actions), REST API Integration