

# Fahmi Dinsefa Jemal

## Software Engineer

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🔗 Leetcode 📊 Codeforces

### EDUCATION

**Computer Science and Engineering,** 05/2022 – 06/2026 | Adama, Ethiopia  
*Adama Science and Technology University* 🌐

- **CGPA :** 3.9/4.0
- **Relevant Coursework:** Introduction to Computing(Python) , Fundamentals of Software Engineering , Web Programming, Advanced Programming , Project Management , Distributed Systems , Software Testing
- **Award:** Top 5 in My Departement for 3 years

**Competitive Programming, Africa To Silicon Valley** 🌐 11/2023 – present | Adama, Ethiopia

- A2SV, a **Google-backed** tech education and incubation, successfully placed 70+ students in top-tech companies such as Google, Bloomberg, Databricks, and LinkedIn.
- Completed over **1000** hours of intensive training in Data Structures and Algorithms, tackling and successfully solving more than 1000 coding challenges on LeetCode and Codeforces

**Award :** Top Contest Performer of A2SV

### PROFESSIONAL EXPERIENCE

#### A2SV 🌐

*Mobile Developer Intern*

07/2024 – 09/2024 | Addis Ababa, Ethiopia

- Integrated real-time chat using socket programming, enhancing user engagement.
- Applied Flutter's BLoC pattern, reducing app response times by **20%**.
- **Technologies Used:** Dart, Flutter, REST API, Socket\_io\_client, Version Control (Git).

*Head Of Education*

01/2025 – present | Adama, Ethiopia

- Overseeing problem setting, delivering lectures, and managing educational activities.

**Temer Properties, Software Developer** 🌐

09/2024 – 03/2025 | Addis Ababa, Ethiopia

- Improved HR efficiency by ~70% at Temer Properties by developing an employee management system using Laravel and React, automating attendance, payroll, and performance tracking for 50+ employees.

### PROJECTS

**AI Powered Quiz APP, Web Developer** 🌐

09/2023 – 11/2023

- **Led the development of an AI-powered quiz app integrated with OpenAI**, coordinating a cross-functional team to design and implement adaptive question generation, real-time feedback, and an intuitive user interface.
- **Achieved Top 30 semifinalist ranking out of 1,000+ participants** in a national-level tech competition by delivering a highly innovative, fully functional prototype that showcased advanced AI integration and user-centric design.
- Technologies used : - Python ,Django , JavaScript , Open-AI

**Custom Shell Implementation in C** 🌐

09/2023 – 10/2023

- **Developed a feature-rich shell interpreter** supporting standard Unix command execution, significantly enhancing user interaction and streamlining command processing for a more efficient CLI experience.
- **Collaborated closely with a team to deliver a robust and high-performing solution**, contributing to a **95% project score**, demonstrating strong alignment with technical requirements and overall project excellence.

### SKILLS

**Programming Languages** — C/C++ ,Python , Dart , Java , Javascript , Rust, **Frameworkos and Modules** — Django , Flutter , NextJs , Laravel, **Databases** — Mysql , MongoDB, **Technologies | Tools** — Docker, Git, Google Cloud, Nginx, Postman.

### LEADERSHIP AND EXTRA-CURRICULARS

**CSEC-ASTU (Computer Science and Engineering Club - ASTU),**

09/2023 – present

*PR ,Contest team Head, Mentor* 🌐

- Organized weekly contests and mentored new students bi-weekly in DSA within the club.

### CERTIFICATES

**2024 Ethiopian Collegiate Programming Contest (ETCPC) Top 5** 🌐

- Earned a finalist position at ACPC by placing top in Ethiopia, selected to represent the nation in one of Africa and the Arab world's most competitive programming contests.

**1st place, Semester-Closing Contest** 🌐

- Secured **1st place** in the **CSEC semester closing contest**, a 5-hour coding competition across the University, outperforming **25+ top teams** by solving **8 out of 12** problems