Kidist Ayele

Software Engineer

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🪪 PROFILE

I'm Kidist Ayele, a dedicated 4th-year Computer Science and Engineering student at Adama Science and Technology University. I enjoy exploring data, solving problems, and building software. Passionate about technology's endless possibilities, I'm eager to learn from experts and contribute my skills to innovative projects.

🎓 EDUCATION

Bachelor of Science, Computer Science and Engineering   2022 – 2026
Adama Science and Technology University 🔗   Adama, Ethiopia
Relevant Coursework: Python, Design and Analysis of Algorithms, Database
Management System, Object Oriented Programming (OOP), Data Structures, C++.

A2SV Community Education
Africa to Silicon Valley 🔗
Enhanced problem-solving, algorithms, and software engineering skills through
intensive coding challenges on platforms such as **LeetCode** 🔗 and **Codeforces** 🔗 .

🧠 SKILLS

Programming Languages — Python, JavaScript, C++ │ **Frameworks / Libraries** — React.js, Django │
Databases — MySQL │ **Version Control** — Git, Github

💼 PROFESSIONAL EXPERIENCE

IT Intern
Commercial Bank of Ethiopia 🔗
- Managed and troubleshot IT systems, improving operational efficiency for **50+** users.
- Maintained and repaired hardware, reducing system downtime by **30%**.
- Installed and configured software for **20+** workstations, enhancing productivity.
- Supported networking tasks, including router configuration, improving network stability by **25%**.

📁 PROJECTS

Mediconnect – Digital Healthcare Platform
Digital Healthcare Solution
- Developed a secure digital platform connecting patients with nearby doctors and providing case-specific suggestions through an AI chatbot, impacting **5,000+** users.
- Enabled video calls with doctors via an integrated scheduling system, improving patient access by **30%**.
- Integrated AI-driven medical advice and real-time patient data retrieval, ensuring privacy and security for sensitive healthcare information.
- Technologies Used: HTML, CSS, JavaScript, Python (Django).

Phone Management System
C++ Inventory Management Solution
- Developed a phone management system using C++, leveraging advanced data structures to improve inventory management for **100+** phone models.
- Designed core functionalities for adding, deleting, and updating phone records, optimizing workflow efficiency by **25%**.
- Implemented linked lists to reduce search time by **40%**, enabling faster data retrieval.
- Technologies Used: C++, Linked Lists, File Handling.

Football Club Management System
Java-Based Club Management Solution
- Implemented features for scheduling matches, tracking player stats, and managing finances, reducing administrative tasks by **30%**.
- Technologies Used: Java, HTML, CSS, MySQL, JavaScript.