

Naol Aboma Tiki

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🌐 [LinkedIn](#) 🔄 [LeetCode](#) 📊 [Codeforces](#)

👤 PROFILE

Enthusiastic Electrical & Computer Engineering student at Addis Ababa University (GPA 3.68/4.0). Strong passion for software engineering, problem-solving, and real-world tech solutions. Skilled in full-stack development, embedded systems, and competitive programming. Eager to contribute to impactful projects and grow as a developer in global or local teams.

🎓 EDUCATION

Bachelors of Science in Electrical and Computer Engineering, Addis Ababa University

- 13th best African global university.
- GPA: 3.68/4.00
- Ranked 19th (top 0.003%) in national high school exit exams out of 600,000+ students.

Sep 2021 – present | Addis Ababa, Ethiopia

Relevant Coursework:

- Object-Oriented Programming (Java, Python)
- Data Structures and Algorithms
- Database (MySQL 20+ DB problems solved on LeetCode)
- Microprocessor and Interface
- Computer Architectures and Organization
- Networking and Data-Communication

🧠 SKILLS

- Programming: Python, Java, JavaScript (Node.js, Express.js, React, Next.js, NestJS), SQL
- Embedded & Simulation: Proteus, LTspice, MATLAB
- Tools: Git/GitHub, VS Code
- Other: Team collaboration, fast learner, open source contributions
- Typing Proficiency: 100 WPM average; peak 115 WPM (30 sec), 126 WPM (15 sec), 139 WPM (10 words)

📁 PROJECTS

Garage Management System, Backend Developer (Node.js, Express.js, MySQL)

- Built secure RESTful APIs, handled database design, role-based authentication.
- Also contributed to frontend with React/Next.js.

Hotel Management System, Frontend Developer & UI/UX Designer

- Developed guest-side portal using React, ensuring responsive and user-friendly interfaces.
- Designed and implemented UI/UX for staff profile and settings pages, focusing on usability and clean design.
- Integrated frontend with backend APIs using NestJS.

Text Editor, Java Application

- Developed a text editor in Java with syntax highlighting and auto-completion.
- Implemented features such as syntax highlighting, auto-completion, and customizable themes.

Task Manager API – Backend Developer (Go, MongoDB)

- Built a RESTful API with Clean Architecture, JWT authentication, MongoDB integration, and unit tests.
- Demonstrated backend best practices, modular design, and scalable architecture in Go.

8-bit CPU design, Embedded Systems Project

- Designed an 8-bit CPU calculator circuit for addition, subtraction, increment, and decrement.
- Used encoders, logic gates, switches, and seven-segment displays for input, processing, and output.

🧩 ACHIEVEMENTS

- Part of A2SV (Africa to Silicon Valley) program for advanced algorithms & coding interviews.
- Active on LeetCode & Codeforces: solving real-world DSA problems weekly.
- Regular contributor to team-based software projects.

🧩 AVAILABILITY

- Ready for remote or in-person internships & junior developer roles.
- Available 20–40 hrs/week.