Abel Girmay

Computer science and engineering

CONTACT

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CAREER OBJECTIVE

Motivated and detail-oriented Computer Science undergraduate passionate about building scalable, maintainable, and cleanly architected systems. Skilled in web, mobile, and system development, with growing expertise in agentic AI workflows. Aspiring to contribute to innovative solutions in the technology, AI, and software development industries.

EDUCATION

B.Sc. in Computer Science

Mekelle Institute of Technology

Expected Graduation: **Mid 2027**

GPA: **3.72 / 4.0**

Relevant Coursework:
- NEXTstep Scholarship Recommendation System
- Machine Learning Classifier Model Development

TECHNICAL SKILLS

- **Languages & Frameworks:** C, Python, JavaScript, Vue.js, React.js, React Native, NestJS, FastAPI
- **Databases**: PostgreSQL, MongoDB
- **AI/ML Tools:** Scikit-learn, TensorFlow/Keras, Natural Language Processing (NLP)
- **Version Control**: Git, GitHub
- **Other Tools:** Docker, REST APIs, Agile/Scrum methodologies

SOFT SKILLS

Problem-solving, Curiosity, Consistency, Adaptability, Teamwork, Continuous Learning

PROJECTS

Kelem – Cultural Coloring App for Kids

React Native (Expo)

Digitized traditional coloring books into an interactive app teaching culture and history through drawing. Solved SVG rendering challenges by remaking assets as React components with dynamic fill support. Learned Expo theming, animation, and routing.

Story – Fullstack Story-Sharing Platform

NestJS · React Native (Expo)

Built a modular app enabling users to share personal stories. Implemented email verification, CDN-based image storage, and cron jobs for database hygiene. Strengthened backend architecture and auth flows.

Client CMS – Desktop Management Tool

ElectronJS

Developed a lightweight CMS for business client tracking. Gained hands-on experience with IPC, preload scripts, and secure context bridging.

NEXTstep – Scholarship Matching Platform

ReactJS · FastAPI

Created a CV-based scholarship matcher for students. Integrated OAuth and collaborated on model-driven recommendation logic. Focused on frontend UX and API consumption.