

Dagmawi Misker

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EDUCATION

Addis Ababa University

Addis Ababa, Ethiopia

Bachelor of Science in Computer Science

Jun. 2021 – Jun. 2024


- Graduated with a CGPA of 3.72/4.0 from the top-ranked university in Ethiopia, ranked 1st nationally and 9th in Africa.

Evangadi Networks

Addis Ababa, Ethiopia

Full Stack Web Development (MERN) Program

Apr. 2023 – Oct. 2023

- Awarded a scholarship to attend a 6-month intensive Full Stack bootcamp focused on MERN stack web development, successfully completing the program and earning a certification of completion. 

A2SV (Africa To Silicon Valley)

Addis Ababa, Ethiopia

Advanced Software Engineering Training Program

Nov. 2024 – Present

- Completed intensive training in advanced algorithms, data structures, and back-end software development.
- Participated in coding sessions, and hackathons strengthening teamwork and collaboration abilities.

EXPERIENCE

Backend and AI Engineer

California, USA


Stealth Mode Start-up (Remote)

Sep. 2024 – Nov. 2024

- Developed the backend for an AI agent creation platform with Python/Flask, integrating Google Cloud services (Firestore, Scheduler, Memorystore) and scaling the system to support 100+ client-specific agents.
- Enhanced system capabilities by implementing LLM integrations with OpenAI and Gemini APIs, enabling function calling and seamless API orchestration.

AGI Intern

Addis Ababa, Ethiopia

Icog Labs 

Jun. 2024 – Sep. 2024

- Built knowledge graphs using Metta/Hyperon, contributing to advancements in AI-driven reasoning systems.
- Reviewed 10+ research papers, summarized key findings, and completed advanced AI and software development courses to enhance technical expertise.

PROJECTS

CODICAP | Python, Flask, Keras, Flutter, SQLite

Feb. 2024 – Jun. 2024

- Developed a mobile app using Flutter and a CNN backend to classify coffee leaf diseases with 90% accuracy, providing instant diagnoses and treatment recommendations to farmers.
- Led a team of four, managing development tasks with Trello and ensuring timely delivery of milestones, including a user-friendly interface and backend integration.

Blog Managment API | Go, Gin, Testify, MongoDB

Oct 2024 – Dec 2024

- Designed and developed a robust Blog API using Go, Gin, and MongoDB, providing efficient Blog creation, management, and retrieval functionalities.
- Leveraged Testify to write comprehensive unit and integration tests, ensuring the API's reliability and correctness, and integrated CI/CD with automated tests using GitHub Actions.

TECHNICAL SKILLS

Languages: Java, C++, C#, Dart, Python, Go, HTML/CSS

Frameworks: React.js, Express.js, Node.js, Gin, Flutter, Flask, Material-UI

Developer Tools: Git, Docker, VS Code, Postman, Github, Gitlab, Trello, Google Cloud Platform, Figma

Others: MySQL, Mongo DB, Github Copilot, Clean Architecture

ACHIEVEMENTS

- Top 0.01% from the National University Entrance exam of Ethiopia(EUEE), 2020
- Solved 800+ coding problems on Codeforces and LeetCode, demonstrating strong algorithmic and problem-solving skills.