Mekides Tarekegn

**Full Stack Developer | Software Engineer
React | Django | Node.js | Python |
Machine Learning**

CONTACTS

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📍 Location

SUMMARY

Motivated and detail-oriented Junior Software Developer with a strong foundation in full-stack development, machine learning, and modern web technologies. Proficient in building responsive web applications and intelligent systems using React, Node.js, Python, and Django. Demonstrated ability to apply technical knowledge through hands-on projects, including AI-powered platforms, predictive models, and automation systems. Passionate about solving real-world problems through clean code, creative thinking, and continuous learning. Experienced in team collaboration, Agile development, and delivering solutions that improve efficiency and user experience.

🚩 KEY ACHIEVEMENTS

- **Disease Detection Model**
  Developed a neural network model with 87% accuracy for maize leaf disease detection.

- **Enhanced Prediction Accuracy**
  Implemented stock prediction model .

👤 EXPERIENCE

Ethioden ICT Consultancy plc
Bahirdar
Software developer
04/2025 - 09/2024
- **Built a Full-Stack Web App** using React and Django, with LDAP authentication and RESTful APIs.

Dan energy research and Development plc
Addis Ababa, Ethiopia
Software Engineer in Dan energy research and Development plc
12/2022 - 03/2023
- Software Engineer in Dan Energy Research and Development plc for three months

🎓 EDUCATION

Secondary School
Location
Secondary School
09/2014 - 08/2017
- Feresbet secondary and preparatory school

Bahirdar Institute of Technology
Bahir Dar, Ethiopia
Bsc degree in Software Engineering
01/2022 - 12/2022
- CGPA of 3.61

📄 PROJECTS

NEXUS / ATM Information System
01/2023 - Present
Bahir Dar, Ethiopia
Collaborated with Tern Systems to develop an advanced platform for managing air traffic data, tailored for Air Navigation Service Providers. My role involved contributing to backend and UI components, ensuring real-time performance and data reliability
- **Outcome:** Successfully prepared the system for international deployment, enhancing safety, efficiency, and accountability in global airport operations.

Event Log System – ECAA
12/2024 - 02/2025
Bahir Dar, Ethiopia
Developed a digital logging system for the Ethiopian Civil Aviation Authority (ECAA) to track incidents and operational events. Focused on system architecture, front-end forms, and secure data handling.
- **Outcome:** Replaced manual logs with a searchable, traceable platform, streamlining operations and improving aviation safety workflows.

🅰 LANGUAGES

AMHARIC   **Native**   ● ● ● ● ●

ENGLISH   **Advanced**   ● ● ● ○ ○

🚀 SKILLS

C/C++ · CSS · Django · Flask · Flutter · HTML · Java · JavaScript · Angular · React · SQL · Swift · Node.js

♥ INTERESTS

- **Reading books**

📄 PROJECTS

Social Media Planner
Bahir Dar, Ethiopia

03/2025 - Present

Built a smart social media management platform using React and Node.js. Integrated AI features for content suggestions, scheduling tools, and analytics dashboards.

- **Outcome:** Empowered users to manage posts efficiently across platforms, resulting in higher engagement and reduction in content planning time.

Maize Leaf Disease Detection
Bahir Dar, Ethiopia
Final Year Project

03/2022 - 08/2022

Built a system that uses Convolutional Neural Networks (CNN) to detect and classify diseases in maize leaves from images.

- **Outcome:** Helped farmers identify plant diseases early for better crop management.