Feven Alemayhehu

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EDUCATION

Bachelors of Science in Software Engineering Sep 2021 – Jun 2024 | Addis Ababa,Ethiopia
Addis Ababa Science and Technology University ✎

Bachelors of Science in Software Engineering Sep 2025 – Jun 2027 | Bahir Dar,Ethiopia
Bahir Dar University

Data Structure and Algorithm Nov 2023 – present | Addis Ababa,Ethipia
Africa To Silicon Valley | A2SV - Backed by Google ✎

- Mastered 20+ algorithms and solved 850+ coding challenges on LeetCode and Codeforces, highlighting strong problem-solving abilities.
- Built and deployed frontend applications with Next.js and React across starter and real-world projects, demonstrating practical development skills.

Relevant Coursework

- Data Structures & Algorithms,Database Systems, Web & Mobile Application Development, Machine Learning

PROFESSIONAL EXPERIENCE

Kifiya Financial Technology PLC ✎ May 2025 – Aug 2025 | Addis Ababa,Ethiopia
Machine Learning Trainee

- Built 6 ML projects , applying classification, regression, and clustering techniques.
- Gained professional soft skills in communication, collaboration, and project management.

Eskalate ✎ Jun 2024 – Sep 2024 | Addis Ababa,Ethiopia
Software Engineering Intern

- **Built a Next.js bank dashboard with a team of 5**, enabling service analysis and streamlined card management to modernize banking operations in Ethiopia.
- **Designed and tested a responsive Tailwind CSS UI**, improving navigation, accessibility, and user engagement across devices.

PROJECTS

AI-Powered Quiz Generator | Streamlit, Gemini API, Python, Css ✎ Mar 2025

- Generated quizzes from raw text with high accuracy using Gemini API, enabling fast content assessment.
- Built an intuitive UI with Streamlit, reducing quiz creation time for users.

News Sentiment & Stock Prediction ✎ May 2025 – Jun 2025

- Analyzed financial news headlines with **NLP (TextBlob, NLTK)** to quantify sentiment and correlate with daily stock returns.
- Performed **EDA** on text and time-series data, identifying patterns in news frequency and market volatility.
- Computed **technical indicators (MA, RSI, MACD)** using **TA-Lib and PyNance** to enhance predictive analysis.
- Delivered actionable insights linking news sentiment to stock price movements, supporting predictive trading strategies.

ACHIEVMENTS

Ranked 5th Place out of 47 teams across 14 universities, She Codes Mar 2025 | Addis Ababa, Ethiopia
Hackathon ✎

Built an AI Chrome extension with text simplification, bias detection, and TTS using Gemini API.

TECHNICAL SKILLS

Programming Languages — Python, C++,Java, JavaScript

Frameworks and Tools — React, Next.js, Tailwind CSS, PHP, Jest, Cypress

Machine Learning & Data Science — Scikit-learn, XGBoost, NumPy, Pandas, Matplotlib, Seaborn,Git, GitHub, VS Code, Jupyter Notebook, Google Colab

CERTIFICATES

- Machine Learning by Stanford University & DeepLearning.AI on Coursera ✎
- Introduction to AI for Data Labeling I ✎
- Frontier Tech Leaders Machine Learning bootcamp

LEADERSHIP AND EXTRACURRICULAR

Python Mentor ✎ Apr 2024 – Jun 2024 | Addis Ababa, Ethiopia
She Code Club

- Mentored and guided 3 students to become proficient in Python
- Collaborated with mentees to design and develop innovative Python-based projects