

Ethiopia Capital Market Data Platform




Project Overview

A prototype financial data web application providing capital market information for Ethiopia’s newly established securities exchange.

This platform delivers stock prices, company profiles, financial statements, and macroeconomic indicators via a clean, vibe-coded, AI-assisted backend and frontend.

Current Sprint Progress: Sprint 1

Completed:

-  Backend REST APIs:
 - `/companies`
 - `/companies/<id>`
 - `/stocks/<company_id>` (with date filters)
 - `/market` summary
-  SQLite database schema & sample data populated
-  Postman API testing
-  Backend code pushed to GitHub

In Progress:

- Dashboard frontend layout
- Stock charts (Chart.js)
- Search functionality

Tech Stack

Category	Tools
Backend	Python 3.10+, Flask, Flask-SQLAlchemy
Database	SQLite (prototype phase)
Frontend	HTML, Bootstrap, Chart.js
Testing	Postman
Version Control	Git + GitHub
AI Coding Assistants	GitHub Copilot, Tabnine, Grok

How to Run Locally

```
python app.py
```