Efe Çelik

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About Me

Senior Software Engineering student at Çankaya University with a focus on AI agents, agent orchestration, and data science. Active open source contributor to projects. Hackathon winner with experience in building AI-powered applications, data analytics tools, and NLP projects. Seeking opportunities to work on cutting-edge AI systems.

Education

- **Çankaya University**   Ankara, Turkey
  Bachelor of Engineering in Software Engineering (100% English)   *Sep. 2021 – June 2026 (Expected)*
  - GPA: 3.26/4.00
  - 100% Scholarship

Experience

- **Santa Cruz Beach Boardwalk**   Santa Cruz, CA, USA
  Kitchen Staff (Full-Time)   *June 2025 – Sep. 2025*
  - Improved English communication skills by working daily in an English-speaking environment.
  - Developed strong teamwork and time management abilities through coordination with coworkers and supervisors.
  - Enhanced work ethic and responsibility by adapting to new challenges in a foreign country.

- **AppNava**   Ankara, Turkey (Remote)
  Data Science Intern   *July 2024 – Sep. 2024*
  - Created data visualizations using Python to provide insightful analysis for business decisions.
  - Wrote BigQuery queries for handling and analyzing large datasets efficiently.
  - Designed and built prediction models using scikit-learn for data-driven forecasting.

- **Oyun ve Uygulama Akademisi (Game and Application Academy)**   Ankara, Turkey (Remote)
  Trainee   *Nov. 2022 – May 2023*
  - Learned project management principles through Google's training program.
  - Improved project behavior and execution skills for software development lifecycle.

Technical Skills

- **Languages**: Python, Julia, TypeScript, JavaScript, Rust, SQL

- **AI/ML**: LangChain, LangGraph, LlamaIndex, CrewAI, scikit-learn, TensorFlow, PyTorch, Hugging Face, Modal (AI Infrastructure), transformers

- **Technologies**: BigQuery, Git, Node.js, REST APIs, PostgreSQL, MongoDB

- **Concepts**: Agent Orchestration, LLM Integration, NLP, Data Visualization, Deep Learning, Model Context Protocol (MCP)

- **Documentation**: SRS (Software Requirements Specification), SDD (Software Design Document)

- **Languages**: Turkish(Native), English(Fluent)

PROJECTS

- **game-insights**: Open-source analytics platform for indie game developers. Upload game data and get instant insights without data engineering requirements.
- **voice-prompt**: A lightweight macOS menu bar app that converts speech to text and translates it to English. Features Ralph Wiggum Mode to transform simple voice requests into detailed, well-structured prompts for AI tools like Claude and ChatGPT.
- **investor-sentiments**: Sentiment and topic distribution analysis of Bitcoin-related tweets using both synthetic and real datasets with NLP techniques.
- **nlp**: A repository for Natural Language Processing projects, tools, and experiments including text classification and sentiment analysis.
- **AceSteps**: A platform combining AI music generation with blockchain tokenization. Create music by describing what you want, mint it as an NFT, and let fans invest through tradeable song tokens.

ACHIEVEMENTS

- **METU Blockchain Demo Day (Base Sponsored) – 1st Place**: Won first place with AceSteps project, an AI music generation platform with blockchain integration. Awarded $1,500 prize. (2-person team)
- **Çankaya University 2nd Planathon – 1st Place**: Won first place with team "ManageAIWithSevgi" by creating a detailed project plan for an AI-powered plant disease detection system.
- **YKS (National University Entrance Exam)**: Ranked in the top 1.1% among 2.6 million candidates in the Science (SAY) category.

VOLUNTEER ACTIVITIES

- **Active Open Source Contributor**: Contributed to various open source projects: LangChain (LLM application development framework.), LangGraph (Multi-actor agent orchestration library.), Agenta-AI/agenta (Open-source LLMOps platform.), thyrisAI/safe-zone (AI safety guardrails project.)