

EMRE GECIT

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Ankara - Turkey

EDUCATION

Erasmus, Computer Science Freie Universität Berlin *Berlin, Germany* 2023 September - 2024 July

Bachelor, Computer Engineering Middle East Technical University *Ankara, Turkey* 2020 August - 2025 July

EXPERIENCE

MoltShell

CEO & Founder

February 2026 - Present

- A cloud project that provides one-click AI agent deployment and management built with **React** and **Node.js**, **Railway** and **Fly.io**. Try now at moltshell.dev!

Zepliner

Co-Founder

January 2026 - Present

- E-Sim app aimed for travelers, providing internet packages to the users for 181 countries. Powered by **Kotlin**, **Swift** and **Firebase**.

Prime Trading

Quantitative Developer

Chicago, USA

June 2025 - January 2026

- Working on a trading software for the stock market. Implemented pricing logic using **Black-Scholes** in **C** to optimize the execution of the trades.
- Using **GPU parallelization** and **Newton-Raphson Algorithm**, reduced the execution time of the calculation from 4 miliseconds to 40 microseconds (**100x improvement**).
- Code optimization using performance profiling and optimization techniques.
- Working with trading algorithms and strategies, on Options and Futures.
- Used **Python** and **C** for the backend. Used **Cuda** for the GPU computations.

Metu App

Co-Founder & Team Lead

Ankara, Turkey

September 2024 - Present

- METU App has **15.000+** downloads and **5.0** rating on both Google Play and App Store.
- We are chosen the **Entrepreneur of the Year** in the **ODTÜ Kristal Ağaç Awards 2025**.
- Our project is chosen as the **second best project** in the METU Ceng DEMO Day 2025, among 35 projects, and given **25.000 TL** prize.
- METU App is designed to enhance the campus experience for students, faculty, and visitors at Middle East Technical University. Our goal is to provide a seamless, integrated platform that makes campus life easier and more efficient.
- I lead a team of 10 developers. I took part in every part of the project, both as a **full-stack developer** and as a **project manager**. I have also designed the **UI/UX** of the application.
- Used **Flutter** for the mobile application, **Django** for the backend, **Docker** for containerization, **Valhalla** for route optimization, **Node.js** for data collection, **PostgreSQL** and **Isar** for the database, **Gitlab** for version control and CI/CD, **Sentry** for error tracking and **Firebase** for analytics and push notifications.

YapıKredi Teknoloji

Software Engineer Intern

Remote

February 2025 - May 2025

Outlier

Coding Expert for AI Training

Remote

November 2024 - May 2025

TrustLab

Part-Time Software Engineer

Berlin, Germany

July 2023 - September 2024

- Working on **Internet Safety** projects to make the internet a safer place for everyone. Dealing with different tasks using **AWS Lambda**, **S3**, **Secret Manager** and other **AWS technologies**, **Python - Django** and **Bazel**. Merged a total of **84 pull requests** to the codebase, including new features and bug fixes.

- Added a LLM pull request reviewer action to Github, which reviews pull requests on demand, and gives feedback on the pull request's **security, performance, and maintainability**.

MS Spektral

Part-Time Software Engineer

Ankara, Turkey

November 2022 - July 2023

- Reverse engineered and integrated an IP Camera into a **C#** project, writing a **Python - Flask API** for the camera. Designed an **object-oriented interface** creating an abstraction for different camera models.
- Developed an **admin panel** with **Flutter** which gets **MQTT** messages from the machine and sends **HTTP** requests.
- Developed a **logging system** that saves critical information about the machine for diagnostic purposes, using **Python** and **InfluxDB**. Used **Grafana** for visualization, dockerized the services and set up a web server on a **Ubuntu Server**.

valantic FSA

Software Engineer Intern

Frankfurt am Main, Germany (Remote)

July - November 2022

- Worked on a **Real-Time Payment Engine Project**, which forms the backbone for the transactions of CESKA bank.
- Used **SQL (Oracle)** in the tests and the data flows. Mostly worked on the **Anti Money Laundering** part of the project. Worked with remote **Linux** environments. Experienced **agile** software development. Used **Bash** and **Python** for automation.

LANGUAGE

English: **C2**, German: **B1.1**, Turkish: **Native**

PROJECTS

** Project names are links to the projects.*

[Goldman Sachs Hackathon 1st Place](#): A calendar extension, built for engineers at Goldman Sachs, to help schedule their daily software tasks, using Jira and Google Calendar. During the hackathon in Warsaw, January 2024, we won the 1st place with our project. Used **Python**, **Google Calendar API**, **Jira API** and **Google Chrome Extension API** to create a chrome extension that automatically schedules the tasks in the Jira board to the Google Calendar using a smart algorithm.

[IslamGPT](#): A chatbot which answers questions about Islam. It is built with **Django** and **Flutter**. It uses **Gemini** as LLM with the **search API**. Used **GitHub Actions Docker** and **Google Cloud Run** for deployment. Expanded into BuddhaGPT, HinduGPT, and BibleGPT for multiple religions. Available on iOS and Android.

[Gravity Simulator](#): Simulates the interaction of round entities on a 2D plane, implementing **collision** and **gravitational physics**. **NumPy** is used extensively for vector and math calculations and **Tkinter** is used for the GUI. · [GitHub Repository](#)

[Minesweeper Bot](#): A bot which plays the minesweeper game with **Python**. A **four layered sequential neural network in Keras** is trained for the **image recognition** part. A special search algorithm searches the possible game states, and triggers mouse clicks using a Python library. The bot has a **%99+** success rate in completing the game. · [GitHub Repository](#)