

Ferhat Acikalin

[in LinkedIn](#) | [+905396226072](#) | [✉ ferhatackln@gmail.com](#) | [GitHub](#)

Skills

- Python | PHP | JavaScript | TypeScript | C | MySQL | MSSQL | Node | Express | React | Vue | Redux | jQuery | Laravel | Flask
- Django | Docker | Firebase | NoSQL | Git | Amazon Web Services | Cloud Computing | CI/CD | Lambda | OOP | IOT | Arduino
- Deep Learning | Microservices | Distributed Systems | Frontend | Backend | Full-Stack | English, Turkish

Experience

Full-stack Developer

SIEMENS

Gebze, KOC, TR 06/2022 - Current

- Currently working as a **full-stack** developer in the Digital Transformation Department at Siemens Turkey, developing new features for web apps and implementing **backend** and **frontend** functionality that will enrich the business process in the factory.
- Facilitate the operation of a factory with innovative webpages using **Python, PHP, JavaScript, MySQL, and MSSQL**.
- Increasing innovation by performing data analysis and visualization.

Freelance Developer

Upwork

09/2021 - Current

- Built web application that stores and manages IMEI data of smartphones for an importer company. Developed a feature to export all the data stored in the database compatible with the company's tools. Implemented using **Python, React, and MYSQL**, deployed using **Docker**.

Backend Developer

DewellOps

İzmit, KOC, TR 11/2021 - 01/2022

- Built payment infrastructure for the "Tazeyken" mobile marketplace app and developed Rest API for backend using **Laravel, Node.js** and **MySQL**, allowing users to purchase expired goods from nearby vendors.
- Developed push notifications for the "Tazeyken" app.
- Designed and implemented a proposal system using **Node.js, Express, Sequelize ORM, and MYSQL**, that allows client communication better, faster, and more efficient.

Projects

- **Fodmap Diet Mobile Application:** Built a mobile application for a specific diet called "FODMAP". Red or green dots in the application indicates allowed and not allowed foods in the diet. [↗](#)
- **Pdf Parsing Web Application:** Created web application for the purpose of extracting information from a given pdf. **Frontend** side is made with **React** library and **Backend** side is made with **Flask** framework in **Python**. [↗](#)
- **Traveling Salesman Problem Web Application:** Traveling salesman problem implementation using MST algorithm. [↗](#)
- **Samurai Sudoku Solver:** Sudoku solver with Backtracking Algorithm. [↗](#)
- **Maze Game:** Maze game was created using **Java** swing and Dijkstra's algorithm. [↗](#)
- **Card Game:** Card game made using LibGDX game library written in **Java**. [↗](#)
- **Desktop Music Application:** Desktop application made using **C#** and **MySQL**. [↗](#)
- **Water Quality Monitoring:** **Arduino** project that measures water pollution and sends the data to users via gsm. [↗](#)
- **Banknote Automation for Car Washing Shop:** Developed banknote automation for an automatic car wash by using the **Arduino Uno R3** card and the Proteus environment. [↗](#)

Education

Bachelor of Science

Kocaeli University

İzmit, KOC, TR 09/2018 - 09/2023

- Major in Computer Engineering

Others

- **JA Start-Up Program Finalist:** Participated in competition with Mapocial platform. Developed applications focusing on environmental problems. **(06/2021)**
- **LIFT UP Program:** Have been accepted to the project with the team "Imagineer" in the LIFT UP industry-focused undergraduate graduation projects carried out by Turkish Aerospace.