

Ufuk Ogutcu

Full Stack Developer

I am a full stack developer who is eager to learn; a great team-worker with experience taking part and leading backend development teams; a programmer with experience in creating/developing/managing frontend and backend applications, version control through git, testing, backend database connection, creating views and endpoints, setting up/managing RESTful API endpoints, asynchronous message passing with Celery, WSGI deployment, Docker containers, reverse proxy with Nginx, server deployment with GCP.

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EDUCATION

BSc. with Upper Second Class Honours in Computer Science

University of Edinburgh

09/2018 - 05/2022

Edinburgh, UK

Relevant Courses

- Object-Oriented Programming
- Software Engineering
- Software Design and Modelling
- Databases
- Algorithms and Data Structures
- Professional Issues
- Machine Learning
- Blockchains and Distributed Ledgers

PROJECTS

U-Time (Personal Project) (06/2023 - Present)

- Developed a scalable and efficient Flask backend with user login/logout/register capabilities and jwt authentication tokens.
- Developed a React frontend in TypeScript.
- This project is still in works with the goal being: creating a website where people can make daily diary entries and can get psychological suggestions to improve their mental health using AI

Robotic Warehouse (01/2021 - 07/2021)

- Managed a backend team of 4+ people.
- Mastered my skills in Flask and asynchronous tasks with Celery.
- Presented the project in University of Edinburgh System Design Project competition.
- Received a First-Class grade.

Lyrics R us (01/2022 - 07/2022)

- Personally developed and managed the backend for a lyrics search engine.
- Found an innovative format to store an inverted index in a SQL database for search functionality.
- Successfully deployed the web app using docker, nginx, and Google Cloud.
- Created a database in Google Cloud and connected the backend to it.
- Received a First-Class grade.

Multiplayer Sudoku (Honours Project) (01/2022 - 07/2022)

- Developed a multiplayer Sudoku mobile game with innovative game modes such as "sabotage" and "vs".
- Received a First-Class grade.

Ethereum Wallet Finder (Personal Project) (01/2020 - 01/2020)

- Made a python script that can bruteforce find/take over Ethereum wallets with more 0 ETH in it.
- Proved the concept of a security flaw in most cryptocurrencies.

SKILLS



WORK EXPERIENCE

Internship Arge PLM

07/2021 - 08/2021

Istanbul, Turkey

Achievements/Tasks

- Wrote REST API CRUD tests for a Django web app.
- Optimized existing tests for time improvements.
- Mastered Pep8 coding standard.
- Had the opportunity to be a part of a professional project.

LANGUAGES

English

Full Professional Proficiency

Turkish

Native Language

German

B2 Certificate

INTERESTS

