

Burak Kadir Er

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EXPERIENCE

Relocation

Izmir, Turkey

Sept 2022 – Sept 2023

San Francisco, California, U.S.A.

- Began the immigration process and moved to the U.S.A. from Turkey
- Was busy moving to the other side of the world; building a life from scratch, getting a work permit, exploring and enjoying the new country

Radity

Back End Engineer

Mar 2021 – Nov 2021

Zurich, Switzerland

- Used Django and the Django Rest Framework for back end; lowered query costs and times of admin panel and API endpoints by more than 35% using query optimizations
- Refactored existing features, prevented race conditions by using Django's F expressions and database transaction commands, resulting in more consistency and efficiency
- Set up template projects by using Django cookiecutter for future projects, lowering the amount of time required to set up a project and configure it more than 60%
- Optimized Docker processes across various internal projects and reduced the time required to initialize projects by 15% and saved 30% more space for servers by optimizing images

PROJECTS

Summer Code Jam | *Python, Django, Docker*

July 2020 – Aug 2020

- Passed the qualifier of the largest Python community in the advanced category and qualified to participate in the jam, which was sponsored by JetBrains and the Django Software Foundation
- Built a nostalgic and an interactive web experience, displaying the first versions of the famous websites by using Docker, Django, HTML, CSS and JavaScript
- Ranked in the top 10 among 56 projects

Written Pronunciation | *Python, Django, Django Rest Framework, Docker, PostgreSQL*

Apr 2020

- Built an English written pronunciation website for Turkish hard-of-hearing and deaf people who can't listen to words' verbal pronunciation
- Delved deeper into CRUD functionalities in Django and the Django Rest Framework, experimenting with CBVs, GCBVs and viewsets
- Implemented user authentication/authorization, pagination and searching features by using Django's built-in tools
- Wrote thorough unit tests with pytest, supplemented by Faker and Factory Boy libraries for mocking best practices

Stock Management API | *Python, Django, Django Rest Framework, Docker, PostgreSQL*

Mar 2020

- Built a stock management API to learn about back end development, RESTful APIs, Django and Django Rest Framework
- Got familiar with Django Rest Framework's API authentication, authorization and documentation features by implementing them to the project
- Containerized the project with Docker and Docker Compose for convenience

SKILLS

Languages: Python, HTML, CSS, SQL

Frameworks & Libraries: Django, Django Rest Framework, pytest, Factory Boy, Faker

Developer Tools: AWS, Celery, DigitalOcean, Docker, Git, Heroku, Poetry, PostgreSQL, Sentry

EDUCATION

Ozyegin University

Entrepreneurship

Istanbul, Turkey

2016 – 2017

- Dropped-out of university to self-educate myself about my passions and to follow my dreams

INTERESTS

Hobbies: Creative Writing, Horseback Riding, Investment, PC Gaming, Playing Drums