Mohammad Charipour

Python Backend Developer

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About Me

Backend Developer with 2+ years of experience in building scalable and secure APIs using **Django** and **Django REST Framework**. Passionate about optimizing system performance and collaborating with cross-functional teams to deliver high-quality software solutions.

Skills

- Python
- Django
- Django REST Framework
- Rest API
- Git
- Docker
- Redis
- Caching
- PostgreSQL
- Relational Database
- OOP
- Pytest

Work Experience - From 2024/9 Until Now

Coach Upgrade

An innovative project that allows fitness trainers to share their workout programs with athletes. The platform is developed using a scalable architecture and modern technologies.

- Designed and implemented a database using PostgreSQL for managing user data and workout programs
- Developed scalable APIs with Django Rest Framework (DRF) for communication between users and trainers
- Managed user roles and permissions through the implementation of a custom authentication system and precise access control
- Optimized system performance to improve API response speed and reduce data processing delays.
- Fully documented APIs to facilitate team collaboration and faster integration with the front-end.

Projects

- **Employee Management:**

  Developed a RESTful API using **Django REST Framework** to manage employee data, enabling CRUD operations for employees. Implemented **Swagger** for API documentation, improving team collaboration and reducing integration time. This project is **Dockerized**.

  https://github.com/mohammd-1819/Employee-Management

- **Property Management:**

  Built a property management system using **Django REST Framework**, integrating **Redis** for caching frequently accessed data, which reduced database load by **30%** and improved response times by **20%**. the project is **Dockerized**.

  https://github.com/mohammd-1819/Property_management

Education - From 2022/2 Until Now

- Computer Engineering student at Azad University
- Languages: Proficient in English