**Mani Mozaffar *Python Backend Engineer***



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**Profile**



6 Years Experienced Python developer passionate about open source projects. Fluent in Python, interested in PEPs and CPython implementation; skilled in leading development and improving Backend architecture. Committed to mentoring and staying up-to-date with the latest technologies.

**Professional Experience**



[**Founder & Backend Engineer, *Snipe Transfer***](https://snipetransfer.com/) ** 01/2022 – 04/2023 | Remote, International**

***SnipeTransfer is a fast, secure, and affordable SaaS that makes Fifa coin transfer automated, by an innovative method called Snipe,***

***enabling reseller companies to resell coins to end users.***

 Designed a distributed marketplace with microservices on five servers via API endpoints for scalability.

 Constructed a systematized transaction system with PostgreSQL replication, indexing and materialized views, for efficiency and high volumes.

 Implemented a locking mechanism using Redis' watch and pipeline to access rows that outperformed traditional SQL transactions, ensuring race condition.

 Developed the project as B2B SaaS with Django, Django Rest Framework, Redis, PostgreSQL, Docker, Celery, Flower, Redocs, and Swagger which is serving **4M** daily requests

[**Founder & Backend Engineer, *Fut Champion***](https://futchampion.com/) ** 09/2017 – 12/2021 | Tehran, Iran**

***Iran's first automated platform for buying and selling coins with a 5-year track record of satisfying more than 20,000 users. Easy-to-use system with a variety of crawlers adopting all user's needs.***

 Migrated backend from Laravel to Django, cPanel Hosting to Dedicated Server, and MySQL to PostgreSQL with changing database schema by using API-driven data migration.

 Optimized Referral program with CTE query for faster response and accurate bonuses with connection's schema, disabling the needs for using graphQL database.

 Collaborated with an external AI service to integrate image-based Captcha solver, achieved 70% success rate.

 Recruited and coached freelancers to foster a scrum collaborative work environment to achieve shared goals.

**Skills**



**AWS *(CLF-C01)* Redis Unit-Test Git & Github Action**



**Python** **Celery** **FastAPI** **Tortoise**



**PyTest** **TDD** **Design Patterns**



**DevOps Fundamental**

**SQLAlchemy**



**Clean Code**

**Docker**



**Microservices**

**PostgreSQL**

**Projects**



[**LinkedIn Job Finder**](https://github.com/ManiMozaffar/linkedIn-scraper) ****

 Implemented an isolated secure service to input Python code to the application to create logical nested expression query filters without limitations to adopt any adjustments

 Automated LinkedIn job search with advanced Playwright browser automation and FastAPI integration.

 Included NPL analysis for required skills identification, translation, visa sponsorship analysis and summarization to report to users.

[**Fastapi Integration**](https://github.com/ManiMozaffar/fastapi-integration) ****

 Mimic Django ORM structure, improving code readability and adhering to FastAPI best practices; Avoided common mistakes in the Django design pattern, with cached SQL constructor.

 Implemented unit test alongside with Github Action and workflow, respecting **CI/CD** best practices, and Flake8 styling.

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| **Teaching Experience** | **Certificates** | |  |
| **Istanbul Technical University International Students,** |  | [AWS Certified Cloud Practitioner](https://verify.acloud.guru/D09682F5A692) |  |
| ***Introduction To Python And Backend*** |  |  |  |
| Managed a small classroom using student-centered learning | **Languages** | |  |
| and modeling techniques to simplify complex material |  |  |  |
| **English *(Full Professional Proficiency)*** | |  |
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