

# Atabak Hooshangi

PYTHON DEVELOPER

With five years in Python development, I specialize in Django and FastAPI, creating finance and cryptocurrency web applications. My expertise includes real-time analytics and secure back-ends, with significant projects in Django and FastAPI. As a master's student in computer science, I blend academic learning with practical application, focusing on tech innovation and programming growth.

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Portfolio: [Atabak](#)

LinkedIn : [Atabak](#)

Job Types: Full-Time / Part-Time

## EXPERIENCE

### Exwino , Tehran-Iran — Python Developer

Sep 2022 - Jan 2024

Role at Exwino as Python Developer:

- Development of a cutting-edge crypto exchange and social trading platform.
- Specialization in Python with a strong focus on asynchronous programming using Django and FastAPI.

Key Responsibilities:

- Development of new features and optimization of existing code for the advanced trading platform.
- Implementation of significant updates and modifications to large codebases, achieving high performance and scalability.
- Pioneering the use of asynchronous Django and FastAPI.
- Optimization of SQLAlchemy queries in asynchronous environments.
- Integration of various microservices, facilitating communication via APIs, gRPC, and Kafka.
- Deployment of Apache Airflow for strategic data collection and processing to enhance data-driven approaches.

Achievements:

- Successfully tackled challenges in asynchronous programming, improving system efficiency.
- Key contributor in transitioning major parts of the project to an asynchronous model, including database interactions.
- Improvement in efficiency resulted in a response per second (RPS) rate up to 10x faster. - Utilized tools like JMeter and Locust for measuring performance improvements

## SKILLS

Python

Django rest framework

Fastapi

Nodejs

Celery - Apache Airflow

Object-Oriented-Programming

Asyncio

Git-Git Flow

Postgresql-MySQL-MongoDB-Spark

Django ORM-SqlAlchemy- Tortoise ORM

Kafka-Docker - Grpc

Pytest - Django tests

Websockets-Redis-Minio

Scrum - Kanban

Pandas-Numpy - Web3

Locust-Apache Jmeter

## LANGUAGES

English

Turkish

Persian(Farsi)

Azeri

## **Saxon General Trading LLC , Dubai-UAE — *Python Developer***

Jan 2023 - June 2023

- Spearheaded the development of a Customer Relationship Management (CRM) system for the oil and gas industry.
- Integrated CRM with Programmable Logic Controllers (PLCs) and various sensors for real-time drilling data provision to clients.
- Designed and implemented robust, interactive dashboards with customizable charts and data analytics.
- Ensured seamless data flow and system reliability through efficient back-end solutions.

### **Achievements:**

- Successfully delivered a, user-friendly CRM platform, improving data management and decision-making for clients.
- Enhanced system performance and reliability, leading to positive customer feedback and increased user engagement.
- Collaborated effectively with cross-functional teams in the digital transformation of the company's operations in the oil and gas sector

## **Fibodex, Alborz-Iran — *Python Developer***

Mar 2021 - Aug 2022

### **Project Overview:**

- Developed a Centralized Crypto Exchange, leading the creation of an efficient matching engine and robust security measures.
- Automated Market Maker (AMM) Bots: Designed and deployed bots for maintaining liquidity and price stability in the trading environment.
- Token Creation on Binance Smart Chain: Successfully launched 'Fibo', a new cryptocurrency token, ensuring compliance and effective integration with BSC

## **Arka, Tehran-Iran — *Django Developer***

May 2020 - Jan 2021

- Played a key role as a Django Developer at Arka in the development of a multi-vendor e-commerce website, similar to Amazon.
- Responsibilities included building and maintaining a robust, scalable, and user-friendly online marketplace

## **Tadbir Hesab Mohaseban, Tehran-Iran — *Django Developer***

Apr 2019 - Apr 2020

- Undertook a project-based role with Tadbir Hesab Mohaseban Company for developing a booking and voucher selling website for Rodizio Grill

Restaurant in Germany.

- Faced initial challenges in integrating diverse payment systems such as cryptocurrency, PayPal (via Braintree), and Stripe in a Django project.
- Managed the entire project lifecycle, from architecture to deployment, demonstrating full-stack development expertise and complex payment solution implementation

. Key Responsibilities:

- Architecting and deploying the Django-based website, aligning functionality with client requirements.
- Leading the project from concept design to final deployment, managing all development stages.
- Integrating various payment solutions like cryptocurrency, PayPal (Braintree), and Stripe into the application.
- Ensuring robust and user-friendly web application development through comprehensive full-stack practices.
- Overseeing technical aspects including system architecture, code optimization, and new feature development

## EDUCATION

**Óbuda University, Budapest — MSc Computer Science**

Sep 2023 - Present.

**Hashtgerd Azad University, Alborz-Iran — BSc Software Engineering**

Jan 2018 - June 2022

## PROJECTS

**Devsteam—My Portfolio**

<https://www.devsteam.ir/atabak>