

# Mostafa Shahbazi Dill

Email: shahbazi.mostafa@outlook.com | Phone: (+98)9217149545

Location: Tehran, Iran

LinkedIn: mostafa-shahbazi | GitHub: mrmc-mc, mrdjango

## Profile Summary

A Backend Developer with over 4 years of experience specializing in Python. Proven ability to lead development teams, build high-quality software solutions, and handle complex tasks involving web applications, blockchain networks, and machine learning. Skilled in DevOps practices and ensuring high application performance.

## Work Experience

### Backend Team Lead

cube10.io, London, UK | December 2023 – Present

- Provide technical guidance and mentorship to team members.
- Ensure best practices in coding, testing, and architecture.
- Oversee code reviews and foster a collaborative development environment.
- Coordinate with stakeholders to gather requirements and define project scope.
- Ensure timely delivery of high-quality software solutions.
- Write clean, maintainable, and efficient Python code.
- Implement automated testing and continuous integration practices.
- Ensure high performance and responsiveness of applications.
- Perform performance tuning and optimization.
- Create and maintain technical documentation.
- Conduct regular team meetings and status updates.

### Backend Developer (Python)

TopKenz | Digital Currency Exchange, Tehran, Iran | February 2022 – September 2023

- Develop and improve existing code (Django and Tornado).
- Handle cryptocurrencies and blockchain networks.
- Add new features and tools for trading and analyze users' big data.
- Perform all tasks related to the backend (Full API by DRF and Websockets by channels).
- Server, domain, and Docker configurations.

### Technical Expert (IT Admin)

Rah Saze Institute, Yasooj, Iran | February 2019 – April 2021

- Provided technical support and managed IT infrastructure.

## Education

### Master of Computer Science (Data Mining)

Tarbiat Modares University, Tehran, Iran | 2023 – Present

### Bachelor of Civil Engineering

Azad University, Gachsaran, Iran | 2015 – 2019

## Skills

### Programming Languages & Frameworks

Languages:

- Python (4+ years)
- Rust (less than 1 year)

Frameworks:

- Django Framework (3+ years)
- Websockets (channels/Tornado)
- FastAPI, Flask

### Tools & Technologies

Asynchronous programming

Celery

rabbitMQ

Linux, Docker, Kubernetes

Machine Learning (AI)

Database Management (SQL/NoSQL)

blockchain and cryptocurrencies (knowledge and experience)

## Certificates

### Web Application Technologies and Django

University of Michigan (Coursera), July 2022 - [Verify](#)

### Supervised Machine Learning: Regression and Classification

DeepLearning.AI | Stanford University (Coursera), June 2023 - [Verify](#)

## Projects

### Machine Learning Project

Separate foreground and background using clustering (K-means). [GitHub](#)

### Experimental Image Denoising using SVD Reconstruction and Local Thresholding

Attempt to remove noise by filtering information captured by SVD and refining reconstruction with local comparisons. [GitHub](#)

### MLP with optimizer

MLP model with layer stacking and various normalization and regularization techniques. [GitHub](#)

### Cryptocurrency Exchange Service

Technologies: Django, Docker, PostgreSQL, etc.

An exchange platform for crypto and fiat currencies.

### TradingView Technical Lighting Board

A tool for analyzing cryptocurrencies in real-time. [GitHub](#)

### Full API App for Topkenz.com

A web app for managing exchange website. [GitHub](#)

### Ticketing WebApp

Registration and ticketing application for conferences. [GitHub](#)

### ContactsList WebApp

Manage contacts online using webpage and API endpoints. [GitHub](#)