

# Iman Adeli

## Summary

Python Developer with 15+ years of experience designing and developing web applications, APIs, AI-powered systems, and algorithmic trading platforms. Expert in Python, Django, FastAPI, Docker, PostgreSQL, and modern AI technologies including AI application development, AI agents, and automation. Experienced in building scalable backend systems, trading bots, and data-driven applications.

## Skills

Python, Django, FastAPI, REST API  
AI Application Development, AI Agents, Prompt Engineering  
Pandas, NumPy, Matplotlib, Data Analysis  
PostgreSQL, Redis, RabbitMQ  
Docker, Git, Linux, Bash, Nginx  
OAuth2, JWT, Celery, WebSocket  
Algorithmic Trading, Cryptocurrency, Forex, Tehran Stock Exchange  
Numerical Linear Algebra, Optimization Algorithms, Statistical Methods

## Projects

- Website Development** Designed and developed responsive, database-driven websites using Django, Bootstrap, HTML, CSS, and JavaScript. Built custom admin panels, REST APIs, authentication systems, and deployed applications with Docker.
- Trading Bots** Designed and implemented automated trading systems for cryptocurrency, Forex, and Tehran Stock Exchange.
- ETL Pipeline** Built scalable ETL pipelines for collecting and processing financial market data from TSETMC.
- Web Applications** Developed scalable backend services using Django and FastAPI with OAuth2 authentication, JWT, REST APIs, and Docker deployment.

## Experience

- 2012–Current** **Python Developer & Freelancer**, *Backend Development, AI Solutions, Algorithmic Trading Systems.*

## Certifications

**Data Manipulation in SQL**, *DataCamp.*  
**Unit Testing for Data Science in Python**, *DataCamp.*  
**Building Data Engineering Pipelines in Python**, *DataCamp.*  
**Introduction to Bash Scripting**, *DataCamp.*  
**Introduction to Airflow in Python**, *DataCamp.*

**Introduction to PySpark**, *DataCamp*.

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## Education

2010 – 2012 **M.S. in Applied Mathematics(Numerical Analysis)**.  
University of Shahid Bahonar, Kerman, Iran.

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## Publications

- I. Adeli, M. Taheri, M.M. Moghadam, A recursive method for constructing doubly stochastic matrices and inverse eigenvalue problem, Linear Algebra and its Application. 537 (2018) 318–331. ([link](#))