



# Hello. I'm Kamran Moghadam

And I am A Data Scientist

## ABOUT ME

I am a passionate Data Scientist and Software Engineer with a Master's degree in Information Technology from Islamic Azad University. My expertise lies in artificial intelligence, machine learning, and software development, where I have led projects that enhance data interpretation and operational efficiency. As a mentor at Maktab Sharif Coding Bootcamp, I enjoy guiding students in Python and data analysis. Fluent in both Persian and English, I am driven to deliver innovative solutions that meet complex business needs.



## WORK EXPERIENCE

Petrotech Diaco Rad  
Company / Tehran, Iran.  
2024 - Present

Maktab Sharif Coding  
Bootcamp / Tehran, Iran.  
2024 - Present

Petrotech Diaco Rad  
Company / Tehran, Iran.  
2023 - Present

Maktab Sharif Coding  
Bootcamp / Tehran, Iran.  
2023 - Present

Audio and video center  
(Studio) Shotino /  
Tehran, Iran.  
2020-2022

Samin Sound Electronic  
Company, / Tehran, Iran.  
2017-2018

### DATA SCIENTIST SOFTWARE MANAGER

- Directed the design and development of advanced data analysis software for pipeline inspections, enhancing data interpretation accuracy and operational efficiency.
- Translated complex business requirements into innovative software solutions aligned with company objectives.
- Developed and executed comprehensive product roadmaps, ensuring timely delivery of features and enhancements.
- Authored detailed user stories and product specifications, facilitating clear communication and understanding among stakeholders.
- Engineered robust database architectures, optimizing data storage and retrieval processes for efficient analysis.
- Conducted rigorous debugging and performance tuning to maintain high reliability and efficiency of software applications.
- Led and mentored a team of software developers, fostering collaboration and professional growth.
- Organized and facilitated scrum meetings and sprint planning sessions, promoting agile practices and continuous delivery of high-quality software solutions.

### EDUCATION MENTOR AND TECHNICAL ADVISOR - DATA ANALYSIS

- Mentored and advised students in data analysis courses including MS SQL Server, Power BI, and Python.
- Designed and reviewed curriculum to align with industry needs and emerging technologies.
- Managed and coordinated other mentors and technical advisors to ensure a cohesive learning experience.
- Taught best practices for data analysis, coding, testing, documentation, and version control (Git/GitHub).
- Guided students in database design, query optimization, and performance tuning.
- Provided practical examples using SQL Server features (SSIS, SSAS, SSRS) and Power BI for data visualization and modeling.
- Introduced Python libraries such as NumPy and Pandas for data manipulation, and Matplotlib for data visualization.
- Developed and graded exercises and assessments to monitor student progress and provide personalized feedback.

### SOFTWARE ENGINEERING / WEB DEVELOPER

- Ensured alignment of software requirements with business objectives.
- Managed product roadmaps and backlogs to streamline development.
- Created detailed user stories and specifications.
- Designed and implemented efficient databases and ER diagrams.
- Defined and executed scalable software architectures.
- Integrated user actions and stories from UI/UX designs and requirements.
- Debugged and enhanced application performance.
- Supervised and mentored development teams, managed task assignments.
- Facilitated scrum meetings and sprint planning sessions.

### EDUCATION MENTOR AND TECHNICAL ADVISOR - PYTHON/DJANGO

- Mentored and advised students in the "Python/Django" course.
- Designed and reviewed curriculum to align with industry needs.
- Managed and coordinated other mentors and technical advisors.
- Taught best practices for coding, testing, documentation, and version control (Git/GitHub).
- Guided students in database design and performance optimization.
- Provided practical examples using Django packages and ORM techniques.
- Contributed to the full lifecycle of the course, from designing and delivering lectures to creating and evaluating assignments and exams.

### GRAPHIC AND WEB DESIGNER / PHOTOGRAPHY

### INFORMATION TECHNOLOGY PRODUCT MANAGER



## COURSES

### CODING BOOTCAMP, PYTHON / DJANGO

Maktab Sharif 2022 - 2023

The course covers Python & Django, frontend development (HTML, CSS, JavaScript), databases (SQL, NoSQL), networking (HTTP, TCP/IP), and tools like Git, Elasticsearch, RabbitMQ, Celery, FastAPI, and Flask.

### TASK-ORIENTED COURSE

Quera 2023 - 2023

The course covers fundamental concepts and basic programming skills in Python.

### OBJECT-ORIENTED THINKING COURSE

Quera 2023 - 2023

The course covers fundamental concepts and basic programming skills in Python.

### WEB DEVELOPMENT LEVEL UP

Quera 2023 - 2023

Completed a web development course on HTML, CSS, and launching a complete website.

### COMPTIA NETWORK+

Cando 2024 - 2024

The course covers troubleshooting, configuring, and managing wired and wireless networks.

### DATA SCIENTIST

Cando, 2024 - 2024

The course covers descriptive statistics concepts and techniques in data science, with practical applications using Python and R.

### MACHINE LEARNING

Quera 2024 - 2024

The course covers data preparation and analysis using Python libraries Pandas and Numpy for data manipulation, and Matplotlib and Seaborn for data visualization. It includes techniques for cleaning, transforming, and visualizing datasets to extract meaningful insights.



## LANGUAGES

Persian as a native language,  
Fluent in English.



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## CONTACT ME

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- 👤 KamranMoqadam
- linkedin Kamran-Moqadam
- instagram KamranMoqadam



## MY EDUCATION

Islamic Azad University  
West Tehran Branch,  
Sep 2020 - Nov 2023

### MASTER OF INFORMATION TECHNOLOGY, CURRENT GPA: 17.28/20 ( 4.32 / 5 ).

**Thesis:** Sentiment Analysis in Social Networks Based on a Combination of Deep Belief Networks and Long Short-Term Memory (17.5/20) Relevant Courses (GPA: 17.28/20): Advanced Computer Networks, Enterprise Information Security Architecture, Large-Scale Software System, Advanced Software Engineering, Intelligent Decision-Making System, Advanced Network Security, Knowledge Engineering and Ontology, Analysis of Massive Data Systems.

Islamic Azad University  
Central Tehran Branch  
Sep 2017 - Jun 2020

### BACHELOR OF ENGINEERING IN SOFTWARE, CURRENT GPA: 14.02/20 ( 3.5 / 5 ).

**Thesis:** A One-Minute Animation to Protect the Environment (20/20) Relevant Courses (GPA: 14.02/20): Machine and Assembly Language, Algorithm Design, System Programming, Software Engineering, Software Engineering Laboratory, Computer Architecture, Computer Architecture Laboratory, Artificial Intelligence, Computer Simulation, Computer Graphics I & II, Internet Engineering, Network Operating System, Operating System Workshop Network, Network Installation and Setup, Web Page Design, Multimedia Environments, Database Creation, Concurrent Programming, Engineering Statistics and Probability, Engineering Mathematics, Differential Equations, Discrete Mathematics.

Islamic Azad University  
of Yadegar-e Imam,  
Sep 2017 - Sep 2020

### ASSOCIATE DEGREE IN ENGINEERING SOFTWARE, CURRENT GPA: 13.54/20 ( 3.37 / 5 )

Relevant Courses (GPA: 13.54/20): Introductory Programming, General Mathematics, Pre-University Mathematics, Data Structures, Structure and Machine Language, Object-Oriented Programming, Computer Networks, Web Page Design Principles, Database Systems, System Programming, Network Programming, Web Programming, Pre-University Physics, Electricity and Magnetism Physics.

Shahid Bonakdar  
High School  
Sep 2020 - Jun 2020

### DIPLOMA IN COMPUTER SCIENCE, GPA: 3.25/5.

## INTERESTS

Artificial Intelligence	Algorithms	Data Mining
Machine Learning	Applied Computer Science	High Performance Computing

## HOBBIES

Play a Video Game	Cooking and Coffee	To Read a Book
Movie Review	Photography	Clip Making (Directing & Editing)

## REFERENCES

**Pourya Mansouri**  
Python Django / Developer  
+98 913 298 5527

**Mehran Moghadam**  
Architecture Engineer  
+98 912 766 5295



## MY SKILLS

### Programming languages

Python      C++      R

### Libraries and frameworks

Numpy	Pandas
Matplotlib	PYQT
Seaborn	Scipy
Scikit-learn	TensorFlow
PyTorch	Selenium
Django	RabbitMQ
Celery	Elasticsearch
FastAPI	Flask

### Operating Systems

Windows	Mac
Linux (Ubuntu, Manjaro, Garuda)	

### Version Control

Git      GitHub      GitLab

### Databases

PostgreSQL	SQL Server
Sqlite	MongoDB
My Sql	Redis

### Web Design

HTML	Tailwind CSS
CSS	

### Network Tools

Network+      Wireshark

### Tools & Technologies

Docker	
WordPress	
Design Patterns	
Adobe Photoshop	
Adobe Illustrator	
Adobe Premiere Pro	
Adobe After Effects	
Microsoft Power BI	