



Mohammad Javad Zare

Backend Developer | AI Engineer

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Profile Summary

I'm a Computer Science graduate with a strong passion for Artificial Intelligence and Data Science. As a backend developer, I focus on building scalable, efficient, and secure systems using Django and Django REST Framework.

I also have hands-on experience in Web Scraping and Machine Learning, particularly in developing practical, data-driven solutions.

Education

Bachelor of Computer Science

Institute/University: University of Bojnord

Bojnourd, North Khorasan , Iran

October 2021 - September 2025

GPA: 3.08 / 4

Grade out of 20: 15.41

Skills

Python

Django

Django Rest framework

API Development

API Documentation

Swagger

Celery

Nginx

Gunicorn

Redis

MySQL

PostgreSQL

Docker

HTML

Machine Learning

Data visualization

Numpy

Pandas

Scikit-Learn

PyTorch

C#

C++

GitHub

Linux

Work Experience

Central Council Member (Executive Board)

Computer Science Scientific Association, University of

Bojnord

Bojnourd, North Khorasan , Iran

September 2023 - August 2025

Tasks and Achievements

- Co-founded and co-organized the 1st UBPC Algorithmic Programming Contest
- Co-organized the 2nd UBPC Algorithmic Programming Contest
- Developed a registration website with Django for contest introduction and participant sign-ups
- Contributed to strategic planning, coordination, and event execution as a central council member
- Collaborated with faculty advisors and fellow board members to enhance the academic and technical engagement of computer science students
- This was a voluntary, non-paid position.

Language

English : C1

Persian : C2

Native Speaker

German : A1

Japanese : A1

Certificates

Data Analysis and Preparation with Python

Institute: Faradars

November 2025

Link: <https://faradars.org/verify/A3B147A4?lang=en>

Deep Learning Fundamentals: Unlocking the Power of AI

Institute: Faradars

July 2025

Link: <https://faradars.org/verify/D5D58FFF?lang=en>

Mastering Machine Learning with Python: A Comprehensive Online Course

Institute: Faradars

July 2025

Link: <https://faradars.org/verify/C0BCD45E?lang=en>

Advanced Django

Institute: Maktabkhooneh

October 2023

Link: https://maktabkhooneh.org/certificates/mk-498grn/?show_actions=true&lang=en

Django 3.2

Institute: Maktabkhooneh

May 2023

Link: <https://maktabkhooneh.org/certificates/mk-m6fylh/?print&lang=en>

Advanced Python Programming

Institute: Maktabkhooneh

October 2022

Link: https://maktabkhooneh.org/certificates/mk-n44x83/?show_actions=true&lang=en

Python Programming for Beginners

Institute: Maktabkhooneh

August 2022

Link: <https://maktabkhooneh.org/certificates/mk-itaia1/?print&lang=en>

Projects

Credit Card Fraud Detection

July 2025

This project focuses on building and evaluating machine learning models to detect fraudulent credit card transactions using advanced data preprocessing, feature engineering, and classification techniques.

Two primary models are trained and compared:

- Logistic Regression with ElasticNet penalty
- LightGBM (Gradient Boosted Trees)

Link: <https://github.com/mjavadzare/credit-card-fraud-detection>

UBPC Programming Contest Registration Website

For: University of Bojnord – Computer Science Association

November 2023

Developed a dynamic registration website for the UBPC Algorithmic Programming Contest using Django.

Implemented participant registration forms and competition information pages.

Deployed the website for two separate contest periods (each lasting one month).

Collaborated with the Computer Science Association to facilitate participant management and contest coordination.

Developed a Blog with Django and Django Rest framework

November 2023

Developed a comprehensive blog web project that incorporates a powerful stack of tools and technologies. This project leverages Python, Django, Django REST Framework, Docker, Nginx, Redis, PostgreSQL, Gunicorn, and Celery to create a robust and dynamic blogging platform.

Link: <https://github.com/mjavadzare/Django-Blog-CBV-DRF>

Developed a Todo-App with Django and Django Rest framework

September 2023

In this project Rest API has been used.

Link: <https://github.com/mjavadzare/Django-CBV-TodoApp>

Developed an Agriculture Dashboard with Django

October 2023

Agriculture Dashboard for a better management.

This Project is not completed yet.

Link: <https://github.com/mjavadzare/Agriculture-Dashboard>

Developed a blog with Django

May 2023

This blog is developed by Django 4.2

Link: <https://github.com/mjavadzare/First-Site-with-Django-4.2>

Laptop price predictor

November 2022

The program takes data from " <https://adak.shop/> " regarding to laptop specs and their price and save them into DataBase and with Machine Learning guess what the price of a customized Laptop is.

- This project is currently non-functional due to a major redesign of the source website (adak.shop). The website has been updated and now relies heavily on JavaScript to dynamically load content. Because of this, the laptop data (name, image, specs, and price) is no longer directly accessible using standard Python web scraping libraries like requests and BeautifulSoup.

Link: <https://github.com/mjavadzare/Machine-Learning-first-project>

Social Network

