

SEYED SAMAN MADANI

Full-Stack Developer ~ ML Engineer

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SUMMARY

Full-Stack Developer with 5 years of experience in Python and JavaScript, combining strong problem-solving skills with a mechanical engineering background from Iran's top universities. Proficient in building scalable web applications, machine learning models, and data-driven solutions using innovative technologies.

SKILLS

Programming Languages: Python, JavaScript (ES6+)

Web Development: React, Next.js, Django, React Native, Expo, Tailwind CSS

Data Science: TensorFlow, scikit-learn, Pandas, NumPy, Matplotlib

Databases: PostgreSQL, SQLite

Tools: Git, Docker, Kubernetes

Concepts/Methodologies: RESTful APIs, Agile/Scrum

PROJECTS

Next.js, Django

Mehrinja

Website for finding senior living houses around Iran. Full-stack development, API design, and database architecture.

Python,
Data Analysis

World Athletics Data Mining

Mined competition data from World Athletics, merged with NASA pollution data, and analyzed athlete performance correlation with pollution.

React Native,
Django

E-Card QR App

Built a QR code business card app with React Native frontend and Django backend for easy contact sharing.

EDUCATION

2016 - 2019

M.Sc. in Mechanical Engineering

Ranked in the top 3% of the class.

University of Tehran

2012 - 2016

B.Sc. in Mechanical Engineering

Sharif University of Technology

EXPERIENCE

2022 - Present

Full-Stack Developer

Topsfirm - T0se Paydare Hezare Sevom | Tehran

- Designed and deployed full-stack web applications with Next.js and Django.
- Built scalable APIs and automated civil engineering checklists with Python.

2021 - 2022

Machine Learning Engineer

Abniro | Tehran

- Developed a scraper for Telegram group/channel discovery.
- Analyzed large datasets with Pandas and optimized keyword search systems.

2023 - Present

Freelance Web Developer

Paybar | Remote

- Developed a backend system connecting passengers with document senders.
- Delivered custom solutions across industries.

CERTIFICATIONS & TRAINING

2023

Full-Stack Web Development Bootcamp

Udemy

2023

Machine Learning Specialization

Andrew NG / Coursera (Audit)

ACHIEVEMENTS

- Created an Instant View page for an international website on Telegram, enhancing user accessibility and experience.
- Successfully transitioned career from mechanical engineering to full-stack development, self-learning advanced technologies.

LANGUAGES

English - Fluent (TOEFL 102), Persian - Native