

SAMAN MADANI

Full-Stack Developer
ML Engineer



+98 912 473 3987

Tehran, Iran

samanmadani.dev@gmail.com

github.com/samanmadani71

linkedin.com/in/saman-madani

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 • Designed and deployed full-stack web applications with Next.js and Django. • Built scalable APIs and automated civil engineering checklists with Python.	Topsfirm - TOse Paydare Hezare Sevom Tehran
2021 - 2022	Machine Learning Engineer • Developed a scraper for Telegram group/channel discovery. • Analyzed large datasets with Pandas and optimized keyword search systems.	Abniro Tehran
2023 - Present	Freelance Web Developer • Developed a backend system connecting passengers with document senders. • Delivered custom solutions across industries.	Paybar Remote

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