

Maryam Habibpour

Full-Stack Developer & AI Specialist

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Objective

Dedicated to building web applications and AI-powered solutions that enhance user experience and business efficiency.

Soft Skills

Problem-Solving, Adaptability, Self-Motivation, Collaboration, Critical Thinking

Technical Skills

- **Programming:** JavaScript, TypeScript, Python
- **FrontEnd:** React, Next.js, Redux, Zustand, PWA, Tailwind CSS
- **BackEnd:** Django, DRF, PostgreSQL, MongoDB, Redis, REST API
- **AI/ML:** Deep Learning, Fraud Detection, Defect Recognition, Model Development (Python)
- **DevOps:** Docker, Git, CI/CD
- **Other:** SEO, Chatbots, Retrieval-Augmented Generation, WebSocket, Geolocation (GeoDjango, React Leaflet), Business Automation

Work Experience

Full-Stack Developer (Freelance) — Self-Employed 2021–Present

- Developed **GilanJan**, a reservation platform using Next.js, Django, and PostgreSQL for a private client.
- Built a React-based real estate website with Leaflet map integration and user authentication.
- Collaborated with 5+ clients to deliver custom web applications, optimizing performance and scalability.

Full-Stack Developer — Afagh Nik Andishan Bist 2023–2024

- Converted a Django template-based project into a RESTful API using DRF.

- Developed a psychology consultation platform with Next.js, React, DRF, and Redis for session booking.

AI Researcher & Machine Learning Specialist — Deakin University Collaboration, Australia 2019–2021

- Developed AI models for fraud detection and defect recognition.
- Contributed to high-impact research published in leading journals.

Technical Support & Software Optimization — Himalia 2017–2019

- Identified software issues and improved usability by 20% through QA collaboration and user training.

Key Projects

AI Agent 2024 (In Progress)

AI tool for analyzing transcripts and providing insights

Technologies: Next.js 15, TypeScript, Convex, OpenAI

Board 2024

Versatile platform for creating and customizing boards with text and drawings

Technologies: Next.js 14, TypeScript, Convex

Gilan Reservation Platform 2023

Real-time booking system

Technologies: Next.js 13, TypeScript, Django, DRF

Amlakeeno, a Real Estate App 2022

Map-driven property search platform

Technologies: React, Django, PostgreSQL, PostGIS

Bet With Friend App 2022

Interactive prediction platform with real-time score tracking

Technologies: React, Django

Fraud Detection AI Model 2021

Uncertainty-aware deep learning model for credit card fraud detection

Technologies: Python, TensorFlow

Published in ScienceDirect

Defect Detection Framework 2021

Deep learning system for casting defect recognition

Technologies: Python, PyTorch

Published in arXiv

See all key projects at: maryyam.dev

Education

B.E. in Industrial Management 2007–2012

Shahrood University of Technology, Semnan, Iran
shahroodut.ac.ir/en/

Publications

- *Uncertainty-aware credit card fraud detection using deep learning* – ScienceDirect
- *An uncertainty-aware deep learning framework for defect detection in casting products* – arXiv