MEHRKISH MAKOUEI

Full-Stack & AI Engineer

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SUMMARY

Full-stack engineer who builds AI products end to end. Co-founder and sole developer at RAMMA, shipping RAG systems and workflow automation for universities and major companies. IOI-trained competitive programmer with 2,000+ problems solved. Open to remote full-time or contract roles.

SKILLS

Languages: TypeScript, JavaScript (ES6+), Python, C++, SQL, HTML/CSS
Frontend: Next.js, React, Tailwind CSS
Backend & Data: Node.js, REST APIs, PostgreSQL, Supabase, Firebase, MongoDB
AI: LLM integration (OpenAI, Anthropic Claude), RAG, prompt engineering, workflow automation
Core CS & Tools: Data structures & algorithms, OOP, Git, Vite

EXPERIENCE

Co-founder & Sole Developer, RAMMA · *Remote* AUG 2024 — PRESENT

- Co-founded an AI adoption company for universities and businesses; the only developer on a five-person founding team, owning all technical work.
- Built per-course **RAG chatbots** for universities, answering only from professor-approved material, with free or low-cost student access.
- Automated back-office operations for major companies with LLM-powered dashboards (**Next.js, Firebase**): order processing, document generation, inventory counts and pricing.
- For one of Iran's largest food manufacturers, built RAG over years of order history that drafts new order formulas, cutting a **1–2 day** task to about **20 minutes** of review.
- Designed and taught AI training for university professors across faculties, covering research, grading and curriculum design.

Freelance Web Developer, Self-employed · *Remote* JAN 2023 — PRESENT

- Designed and built websites for **~10 small businesses**, from first design to launch.
- Chose the stack per project: Next.js or React for dynamic sites, plain HTML/CSS/JS for simpler ones.
- Added Supabase backends when clients needed data, such as product catalogs and customer records.

Founder & Developer, Ashayer · *Remote* OCT 2026 — PRESENT

- Building an online jewelry store solo, launching soon: Next.js frontend, Supabase backend, payment processing and shipping API integration.
- Custom admin panel with sales tools: discount codes, sales analytics and order tracking.

IT Intern → IT & Web Support, Hezardasht · *Iran / Remote* JUL 2020 — APR 2023

- Joined a food processing company as an on-site IT intern, then stayed on remotely as their go-to for web and IT.
- Built and maintained the company website; supported their data center and the systems tracking day-to-day operations.

EDUCATION & ACHIEVEMENTS

BSc Computer Science, University of Victoria · *Victoria, BC* SEP 2021 — DEC 2025

Informatics Olympiad Training, Allameh Tabataba'i Advanced High School SEP 2018 — JUN 2020

- Trained for the IOI in algorithms, data structures, combinatorics and graph theory, primarily in C++.
- Solved **2,000+** problems on Codeforces, AtCoder, CodeChef and Quera.