# MOHAMMAD MOLLAAHMADI

mollaahmadimohammad@gmail.com | +989183694858 | m-mollaahmadi.ir | linkedin.com/in/mohammad-mollaahmadi

## SUMMARY

**Front-end engineer** with **7+** years of professional experience (**5+** in React and Next.js), building web and mobile products for fintech, telecom, SaaS and government clients. Designed a modular back-office platform serving three products from one codebase, and a Turborepo multi-app platform with SSR and English/Persian (RTL) i18n. Co-founder of iSketch, leading product and engineering for Dibacho, a FashionTech platform for body measurement and personalized sizing.

## SKILLS

**FRONT-END:** Next.js, React, React Native, TypeScript, JavaScript, GSAP, Cypress (E2E and component testing)
**STATE & DATA:** React Query, Redux, Zustand
**BACK-END:** Python, FastAPI, Django, PostgreSQL
**ARCHITECTURE & TOOLS:** Turborepo/monorepos, design systems, WebEngage, Git, Nginx, Orthanc (DICOM)

## EXPERIENCES

**OZONE (Holding Company)** — ozone.ir *Jul 2025 – Present*
*Front-End Engineer* — Full Time, On-Site Tehran, Iran

- Designed and built a modular back-office platform with Next.js, shadcn/ui, Tailwind CSS, React Query, and React Hook Form, serving **three client products** from a **single codebase**; new clients are launched by changing configuration only.
- Developed a **feature-flag package** that other teams installed and adopted in their own projects.
- Implemented **WebEngage web push notifications** in the Next.js platform for the marketing team to use.
- Implemented the front end of the company's **SSO** login flow for a new app within the company's super app.

**CAMROS TECH (Engineering & Design Services Company)** — camros-tech.no Oslo, Norway
*Software Engineer* — Part Time, Remote *Oct 2025 – Present*

- Built the front-end for CamReach, a B2B outbound sales platform (main dashboard), and its admin panel in a shared monorepo, chosen up front so the dashboard could be delivered quickly.
- Independently built the admin panel (front-end and FastAPI back-end), automating **three manual workflows**: user onboarding, campaign approval, and outreach message review.

*Mobile App Developer* — Part Time, Remote *Apr 2022 – Aug 2022*

- Developed key features for the OpenPenny cross-platform fintech application utilizing React Native, TypeScript, and Redux for iOS and Android deployments.

**FUNDEDGATE.COM (Prop-Trading Platform)** — fundedgate.com *Mar 2025 – Dec 2025*
*Front-End Engineer* — Part Time, Remote Tehran, Iran

- Built a Turborepo monorepo with **three Next.js applications** (marketing site, authentication, trader dashboard) sharing a unified design system, for a prop-trading platform.
- Implemented English/Persian (RTL) i18n and page metadata optimization; added SSR, raising the Lighthouse Performance score from **69** to **97**.

**MOJ SECURE (SaaS)** — amnmoj.com *Nov 2023 – Jul 2025*
*Front-End Engineer* — Full Time, On-Site Tehran, Iran

- Served as front-end developer for **two of three product teams** on the Iranian Customs Administration (IRICA) project; refactored the React architecture with modular routing as part of a three-step quality improvement plan, **reducing white-screen errors by 40%** (measured by error report rate). Technical report: *m-mollaahmadi.ir/uncategorized/boosting-application-reliability-with-a-three-step-improvement-plan/*
- Adopted TypeScript and introduced Cypress end-to-end and component testing covering the **5 main user flows**, reducing bug tickets by **60%**.

**SHATEL MOBILE (Telecom)** — shatelmobile.ir *Oct 2021 – Nov 2023*
*Full-Stack Developer* — Full Time, Remote Tehran, Iran

- Developed the Shatel Mobile React Native app, reaching **100K+ downloads**; integrated Firebase for push notifications, event tracking, and crash analytics.
- Maintained a web application serving **500K+ subscribers** and refactored its front-end to Next.js with reusable components.
- Built a Django-based token management service that centralized authentication across internal and external applications, replacing per-app token handling and enabling user deactivation and token access for internal apps.
- Optimized an Angular and Django log analysis platform by tuning PostgreSQL queries, indexes, and pagination, reducing response times from **50+ seconds to 4 seconds**.

**KIO MEDICAL GROUP (Healthtech)** — kiomedical.ir *Apr 2020 – Oct 2021*
*JavaScript Developer* — Part Time, Remote Tehran, Iran

- Customized **10 core medical imaging tools** within a DICOM viewer using Cornerstone.js and JavaScript, extending diagnostic visualization features.
- Deployed and managed Orthanc (open-source DICOM server/PACS) across **20+ healthcare facilities**, reducing image **transfer time by 50%** (measured over 20 test cases using browser Network tab timings).

**ITO (Information Technology Organization of Iran)** — ito.gov.ir *Aug 2019 – Jun 2021*
*Software Engineer (Web Services)* — Full Time, On-Site Tehran, Iran

- Designed an automated monthly reporting system, reducing report generation time from **2 days to 1 hour**.
- Developed a Python data analytics script to process high-volume API traffic logs and identify erroneous calls, reducing manual audit workload from **560 to 20 person-hours**.

## STARTUP & PRODUCT LEADERSHIP

**ISKETCH (Startup & Product Studio)** — isketch.ir *Mar 2024 – Present*
*Co-Founder* | *Product & Engineering* — Part Time (side venture) Tehran, Iran
Web Applications & Fashion Tech | Next.js, TypeScript, GSAP, Django, Python, PostgreSQL

- Co-founded **iSketch** and led product and engineering (team of 4) for **Dibacho**, a FashionTech platform that recommends garment sizes from users' body measurements (prototype stage).
- Designed and implemented responsive frontend architectures and backend services, including user accounts, manual measurement entry, garment selection, and size recommendation.
- Developed the size-recommendation logic using mathematical formulas that map body measurements to garment sizes.
- Selected to compete in Idiap Create Challenge **(ICC 2025)** Switzerland as one of the innovative startup teams.

## EDUCATION

**TEHRAN POLYTECHNIC** | *M.Sc. in Computer Science - Intelligent Systems* — Tehran, Iran *Sept 2016 – Jan 2019*

- Thesis: Random Sequence Extraction from Imperfect Sources

**UNIVERSITY OF KASHAN** | *B.Sc. in Computer Engineering - Software Engineering* — Kashan, Iran *Sept 2012 – Aug 2016*

- Thesis: Investigating and calculating the coefficients of Persian words in the newspaper collection

## AWARDS

**1st place in 4th Iranian CanSat Competition (ICC2014),** Shahab5 Team, Tehran, Iran, 2014. First place in Remote Sensing-Communication (Classical) class. *Position: Ground Station Software Developer - C#.*