

Mahdieh Shavandi

AI Software Engineer

Tehran, Iran | Open to remote roles and relocation

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PROFILE

Software engineer with 7+ years of experience shipping production products and recent hands-on work in applied AI. Founded and launched MiniKasko, an LLM-powered SaaS for Instagram comment replies; fine-tuned a Persian abuse classifier and deployed it locally as ONNX INT8. Built a public job-search and resume agent with n8n, LLM APIs and Docker. Brings TypeScript expertise, API integration, testing, performance optimization and end-to-end product ownership.

TECHNICAL SKILLS

Applied AI: LLM API integration, prompt engineering, model routing and fallback, stateful workflows, ParsBERT fine-tuning, Persian NLP, ONNX INT8 inference

Backend and data: TypeScript, JavaScript, Node.js, Fastify, PostgreSQL, row-level security, Zod, REST APIs, OAuth and webhooks

Product and delivery: React Native, React, Next.js, n8n, Docker, VPS deployment, GitHub Actions CI, Vitest, Jest, Detox, Sentry

Additional knowledge: Python foundations, MongoDB; Telegram Bot API, SerpAPI and Google Docs/Drive integrations

APPLIED AI EXPERIENCE

Founder and AI Product Engineer | MiniKasko

Sep 2026 - Present

- Built and launched a multi-tenant AI SaaS for Instagram businesses using TypeScript, Node.js, Fastify, PostgreSQL and Next.js; owned authentication, payments, API integrations and Docker deployment.
- Integrated LLMs for intent classification and reply generation with account-specific tone, persona and post context; implemented fallback, retries and routing for human review.
- Fine-tuned ParsBERT for Persian abuse classification using 5,719 labeled public examples followed by 243 project-specific examples; compared multilingual DistilBERT across multiple seeds.
- Exported the classifier to ONNX INT8 for local inference before LLM calls; used its probability as an auxiliary signal, with an LLM-only fallback when inference is unavailable.
- Implemented PostgreSQL RLS tenant isolation, OAuth/webhook integrations and Vitest tests gated in GitHub Actions CI; hardened reply processing with retries and provider rate-limit handling.

[Technical case study on LinkedIn](#)

AI Automation Developer and Product Builder | Independent

Mar 2026 - Sep 2026 | Remote

- Launched a public job-search and resume agent with Persian and English support on Telegram and additional access through Bale; matched jobs to candidate backgrounds and generated tailored DOCX resumes.
- Built n8n workflows connecting LLM APIs, SerpAPI Google Jobs and Google Docs/Drive; retained profiles, language preferences, target countries and conversation progress in Data Tables.
- Deployed self-hosted n8n on a VPS with Docker; added primary/fallback model routing, document delivery and cleanup, and fixed search, language and delivery failures after launch.

[Live demo t.me/Mahidev_cvbot](https://t.me/Mahidev_cvbot)

SOFTWARE ENGINEERING EXPERIENCE

Senior React Native Engineer | SANTAFOO

Feb 2022 - Jun 2026 | France / Remote

- Improved app startup performance by 81% through profiling and targeted optimization of bundle loading, rendering and caching.
- Reduced reported front-end bugs by approximately 70% through Sentry monitoring, issue prioritization and regression prevention; improved scrolling and Add-to-Cart responsiveness by up to approximately 80%.
- Owned the mobile codebase, feature delivery and iOS/Android releases, including staged rollouts, monitoring and hotfixes; coordinated the mobile roadmap across engineering, marketing and operations during a leadership transition.

React Native Developer | IntSoft

Oct 2021 - Mar 2022 | Germany / Part-time

- Built a social-media app from scratch in a small team; established shared components and reusable UI patterns, collaborating with product and backend teams on incremental releases.

React Native Developer | Walletifai

Sep 2021 - Mar 2022 | Canada / Part-time

- Developed bill-management features and strengthened reliability with Jest tests, monitoring, reproducible bug reports and regression coverage; mentored teammates and contributed code reviews in a three-person front-end team.

React Native Developer | MooTanRoo

May 2021 - Nov 2021 | Tehran, Iran

- Built the new TypeScript mobile app as sole mobile engineer and introduced Detox end-to-end tests for critical flows; improved the existing app using user reports and analytics.

EARLIER EXPERIENCE

Co-Founder and CTO | EdiPrints

Jul 2018 - Nov 2021 | Part-time

- Co-built a chocolate 3D printer, owning software and electronics integration for extrusion control and iterating against hardware constraints.

Mobile and Robotics Software Development | Multiple teams

Sep 2017 - Feb 2020 | Iran

- Built React Native and iOS products for FaraRah, Mopon, Dadekavan and SAAP; owned API integration and delivery, and led and mentored developers at SAAP.
- Developed Bluetooth and USB control software for 8/16-DOF robotic systems at KebriaCo, including a React Native controller and Windows application.

EDUCATION AND TRAINING

BSc Mechanical Engineering | Imam Khomeini International University | 2017

Thesis: 6-DOF robot path control using MATLAB. GPA: 17.18/20.

[Python certification](#) | [freeCodeCamp](#) | Apr 2026

Machine learning fundamentals coursework completed in 2026.

LANGUAGES

Persian: Native | English: Professional working proficiency | Arabic and French: Elementary