# Amir Mahdi Zarei Nejad

Full-Stack Developer | TypeScript, Next.js, Node.js, Python & Go
Karaj, Iran | thisisamirabaris@gmail.com | Portfolio | GitHub | LinkedIn

## Summary

Full-Stack Developer (2+ years production) treating **agentic velocity as a verification discipline**: strict proof gates, deterministic checks, and scalable system design. Produces high-cadence PRs end to end across TypeScript, Next.js, Node.js, Python, Go, and PostgreSQL into live web platforms, APIs, and npm packages.

## Experience

**Independent Developer** Apr 2026 – Present
*Self-employed* *Karaj, Iran*

- Launched Diffly, a Next.js and FastAPI code-review arena with **stateless Gemini BYOK (Bring Your Own Key)** (`X-Gemini-Key`) and 3-tier hints for custom PR challenges
- Architected Diffly's **deterministic precision/recall scoring engine** in FastAPI, PostgreSQL (Neon), and JWT auth with interactive diff reviews across 25 challenges in 4 languages
- Published webhook-kit on npm, a **0-dependency TypeScript** `crypto.subtle` verification toolkit across 6 JS/edge runtimes with `req.clone()`, 3 provider plugins, and agent CLI docs
- Spearheaded frontend architecture and code standards for Endpoint Forge (**23+ GitHub stars**) in a 3-person team, integrating tenant UI and 2-language site with NestJS, Drizzle, and Docker

**Frontend Engineer (Contract)** Aug 2025 – Jan 2026
*MelkPro* *Remote*

- Shipped Melkbot (**100+ B2B installs** on Cafe Bazaar in Expo/React Native) alongside a 21-page Next.js 15 B2C web platform sharing 90+ UI components
- Implemented **viewport-based spatial fetching** and feature-sliced client state (TanStack Query, Zustand) orchestrating 97 typed API modules across mobile and web
- Orchestrated **end-to-end notification pipelines** across 43 mobile routes handling 3 deep-linked event types (file, deal, message) with payload normalization and active-chat suppression

**Frontend Developer** Feb 2025 – Apr 2025
*Codinoob* *Tehran, Iran*

- Delivered **2 production client applications** (authenticated web platform and installable PWA) in React, Next.js, and TypeScript with modular reusable UI components
- Partnered via the CTO with backend and design teams across **2 client apps**, integrating authenticated REST APIs with Redux Toolkit and RTK Query caching to eliminate duplicate fetches

**Frontend Developer** Jan 2024 – Nov 2024
*Nilasoft* *Remote*

- Led the B2C platform rebrand and **Angular Signals/RxJS migration** across a 7-person team (3 frontend, 2 backend, 1 designer, 1 CTO), introducing modern reactive patterns
- Collaborated directly with the UI/UX designer to refactor **15+ design-system components** and tokens (accessible forms, theming, navigation, responsive layouts) and Leaflet maps

## Projects

**Weeto** | *Go, PostgreSQL, sqlc, pgx, Next.js, TypeScript, Docker, Nginx* 2026

- Engineered an interview scheduling platform with **33 Go REST endpoints** (pgx, sqlc, 13 SQL migrations), OpenAPI docs, timezone conflict checks, and an async email worker (up to 5 retries)

**Shenora** | *Next.js, TypeScript, Prisma, PostgreSQL, shadcn/ui* 2026

- Created a no-code portfolio builder across **3 Prisma models** and 16 server-only DAL/action modules with 2 auth flows (JWT, Google OAuth) publishing live edits in under 5 minutes

**Jobinja Agent** | *TypeScript, Vercel Eve, OpenRouter, AI Agents* 2026

- Automated live job discovery and applications on Vercel Eve using **3 authenticated tools**, a first-apply human-in-the-loop approval gate, and 2-tier OpenRouter model fallback

**Parked (SibApp)** | *Swift, SwiftUI, SwiftData, CoreLocation, MapKit* 2026

- Released an **offline-first native iOS app** to SibApp using SwiftUI, SwiftData, CoreLocation, and MapKit to store photo-rich parking spots with 1-tap Apple Maps directions

## Skills

**Backend & Data:** Node.js, FastAPI, NestJS, Python, Go, PostgreSQL, Prisma, Drizzle ORM, sqlc
**Frontend:** TypeScript, JavaScript, React, Next.js, Angular, Angular Signals, RxJS, Tailwind CSS, shadcn/ui, Leaflet
**State & Mobile:** TanStack Query, Zustand, Redux Toolkit, RTK Query, React Native, Expo, Swift, SwiftUI, CoreLocation
**Infra, AI & Testing:** Vitest, pytest, Cypress, Docker, Nginx, Git, Vercel Eve, OpenRouter, REST APIs

## Education

**Azad University**, *Bachelor of Science in Computer Science* Karaj, Iran | 2023 – Present