Yazdan Naderi bel4.dev

Software developer | Infrastructure and 3D visualization

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I build web applications and internal tools, manage production infrastructure, and make 3D films and interactive scenes.

EXPERIENCE

Development Manager · Digital agency · Iran — Aug 2026 - present

Promoted from Developer (Sep 2025) and Development Intern (Jul 2025)

- Lead a team of **3 developers** building clinic booking software, exhibition kiosks and online stores.
- Introduced code review, required tests, staged rollouts and a rollback plan for production releases.
- Connected client applications to payment gateways, accounting software and SMS services.

Co-founder & Technical Lead · Car-parts marketplace · Iran — Spring 2026 - present

- Built the catalog and **9 apps** for a car-parts marketplace now preparing for launch.

SELECTED WORK

Company infrastructure · ESXi · Docker · GitLab CI/CD — Case study

- Set up and run a **48-core server with 256 GB of RAM**. Automated releases and configured monitoring for production services.

Storefront migration · Next.js · Strapi · PostgreSQL — Case study

- Migrated **65,521 orders**, about **88,000 customer accounts** and the full catalog.
- In a load test with **10,000 simulated concurrent shoppers**, the site served **381,000 requests** with no failures.
- Cut mobile time to main content from **6.5 s to 1.5 s** in a lab test.

Car-parts catalog and fitment pipeline · Python · PostgreSQL · NestJS — Case study

- Built a catalog of **193,856 OEM parts** for **1,356 vehicle trims** from **61 sources**.
- Tracked the source evidence for each match and made **107 automated checks** a condition of release.

INDEPENDENT PROJECTS

- **Team AI assistant** with web search, files, voice, per-user spending limits and **1,383 passing tests**.
- **Perfume recommendation kiosk** used in a shop for almost a year, with text search and GPT re-ranking.

3D VISUALIZATION

A desk overlooking Tehran · Blender · three.js — Case study

- Built a night scene in Blender and added controls for five independent lights in the browser.

Welding-robot product film · Blender (Cycles) — Case study

- Made a **21-second** film from the client's engineering CAD, with light and dark versions.

SKILLS & EDUCATION

Languages	TypeScript, Python, SQL, Bash
Web & backend	Next.js, React, Tailwind CSS, RTL interfaces · NestJS, Strapi, PostgreSQL, Redis, BullMQ
Infrastructure	VMware ESXi, Docker Swarm, nginx, GitLab CI/CD, Sentry · Playwright, Jest, k6
3D & hardware	Blender (Cycles), three.js · ESP32, Arduino, 3D printing
Education	High school diploma, Mathematics & Physics · expected 2027
Spoken	Persian (native) · English (fluent)