Matija Jelnikar

SOFTWARE DEVELOPER

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PROFILE

Full-stack developer with 10+ years of experience, specializing in modern frontend engineering. I enjoy building fast, maintainable applications and modernizing legacy codebases across industries.

Always building and learning, whether it's a side project, a home lab, or exploring new tools and architectures.

WORK EXPERIENCE

Software Developer — SalesQueze

May 2025 – Present

Škofja Loka, Slovenia

Building and maintaining a platform for creating and running interactive product configurators, working across an Angular frontend and Fastify (Node.js) backend, with a focus on AI-powered automation.

- Developing an AI pipeline for automated configurator generation, using LLMs to automate parts of the development and configuration process.
- Established AI-assisted development workflows — repository-specific coding rules, skills, and guidelines.
- Migrated the application from Angular v14 to v20, introducing Angular signals and modern reactive patterns.
- Migrated the build system from Webpack to esbuild, improving build performance and developer experience.
- Optimized performance by reducing bundle size and initial load time through lazy loading and build optimization.
- Implemented augmented reality (AR) support for iOS and Android, adding interactive 3D experiences to configurators.
- Participating in architecture decisions and code reviews.

Angular | TypeScript + RxJS | Fastify / Node.js | JavaScript | HTML / SCSS | AI / LLMs | 3D / Three.js | AR

Frontend Engineer — HYCU, Inc.

Sep 2022 – May 2025

Ljubljana, Slovenia

Contributed to the migration and modernization of a large AngularJS application to Angular, rewriting substantial parts of the app with a focus on performance, maintainability, and user experience.

- Developed and integrated new features and functionality across the application.
- Refactored legacy code to improve maintainability and support ongoing development.
- Worked on performance optimization and improvements to application responsiveness.
- Collaborated with backend engineers on application features and integrations.

AngularJS | Angular | TypeScript + RxJS | JavaScript | HTML / SCSS

Full-Stack Developer — List d.o.o.

Oct 2015 – Sep 2022

Ljubljana, Slovenia

Developed and maintained a medical application used by clinics across Slovenia — working on application functionality, data access, and integrations with external systems.

- Info Board (React.js) — web app showing real-time information on TV screens in clinic waiting rooms.
- Scheduler for Free Slots (ASP.NET MVC, C#, SQL, EF) — system for trainee doctors to manage mandatory shifts across clinics.
- Data Analysis Web App (DevExpress XAF) — platform for analyzing and visualizing data.
- Implemented multiple REST API integrations connecting with external software solutions.

VB.NET | C# | XAML | ASP.NET MVC | SQL Server | Entity Framework | React.js | DevExpress XAF

IT Technician — PCpomoč d.o.o.

May 2012 – Aug 2015

Ljubljana, Slovenia

Provided technical support for Hipokrat medical software at UKC Ljubljana via call center, remote assistance, and on-site visits. Serviced computers and network equipment, including router configuration and troubleshooting.

SELECTED PROJECTS

Cargregator

2026 – Present

Car research platform with vehicle information, external marketplace search-link generation, and an import cost calculator.

cars.jelnikar.dev

Proof Lab

2026 – Present

Designed and built a dough calculator for pizza and bread baking.

prooflab.jelnikar.dev

alesjelnikar.si

Mar 2026 – Present

Static website built with Astro for a family business, directing customers to an online inquiry form and reducing unnecessary phone calls.

Proxmox HomeLab

2022 – Present

Self-hosted homelab on Proxmox running Docker, Plex, and Home Assistant. Built automation scripts and integrations for home automation and infrastructure — hands-on Linux, virtualization, networking, and system administration.

Cycle Tracking PWA

2025

PWA for tracking basal body temperature and key cycle indicators. Angular + Angular Material frontend; NestJS, TypeORM & PostgreSQL backend; Nx monorepo; Docker-based build, deploy, and self-hosted environment (Portainer, NGINX).

Websites & E-commerce

2012 – 2015

Custom WordPress sites, including a WooCommerce e-commerce platform for fruit & vegetable boxes with Bankart payment integration.

TECHNICAL SKILLS

FRONTEND

Angular · TypeScript · JavaScript · RxJS · React · Next.js · SCSS · HTML · Three.js

BACKEND

Node.js · Fastify · NestJS · C# · .NET

DATABASES

PostgreSQL · SQL · MongoDB · Entity Framework · TypeORM

AI

LLMs · Claude · Prompt engineering

DEVOPS & INFRASTRUCTURE

Docker · NGINX · Nx · Proxmox · Linux

TOOLS

esbuild · Webpack

EDUCATION

Higher Vocational Education — Informatics Engineer

Šolski center Kranj — Višja strokovna šola

2013 – 2015 · Kranj, Slovenia

Web development (JavaScript, PHP, HTML, CSS), OOP (C#), databases & relational design.

General Upper Secondary Education

Vegova Technical Gymnasium — ICT

2007 – 2011 · Ljubljana, Slovenia

LANGUAGES

Slovenian — Native

English — C1 · Proficient

INTERESTS

Hiking · Climbing · Travel & cultures · Psychology books · Playing guitar