

Muhamed Malkoč

Zenica, Bosnia and Herzegovina

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SUMMARY

I am a Full Stack Developer with 4+ years of experience designing and building scalable CRM systems, AI-powered platforms, and payment-integrated web applications across SaaS and e-commerce domains.

EDUCATION

Bachelor of Software Engineering

2018 - 2022

University of Zenica, Polytechnic Faculty

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, C#, PHP

Frontend: Angular, React, Next.js

Backend: .NET, Node.js, NestJS, Laravel, REST APIs

Databases: PostgreSQL, MSSQL, Weaviate

DevOps & Tools: Git, Postman, Docker, EF Core, Stripe, Prisma

Key Domains: CRM systems, AI chatbots, Payment systems, SaaS platforms, SEO systems

SOFT SKILLS

- Worked in structured enterprise development teams as well as fast-paced startup environments (from prototype to first production clients).
- Comfortable working in fully remote distributed teams and hybrid collaboration environments.
- Strong ability to work independently while also contributing to team-based architecture and system design decisions.

EXPERIENCE

Full Stack Developer | Freelance

Remote | Feb 2026 - Present

- Delivered full-stack solutions for SaaS and e-commerce projects, contributing to feature development, backend architecture, and system integrations.
- Developed scalable backend services and APIs using Next.js, focusing on maintainability, performance, and clean code practices.
- Integrated databases to support business-specific workflows and operational requirements.
- Worked directly with clients throughout project lifecycles.

Tech stack: Next.js, NestJS, TypeScript, PostgreSQL, MySQL, REST APIs

Full Stack Developer | ARTI Analytics

Sarajevo, Bosnia and Herzegovina | May 2025 - Feb 2026

- Developed AI-powered SaaS chatbot platform features used by business clients to create, configure, and deploy custom AI assistants.
- Designed scalable conversation and knowledge base systems, improving chatbot response accuracy and consistency.
- Integrated AI avatar technologies (HeyGen) into customer-facing applications, enabling real-time conversational experiences.
- Built internal administration and analytics tools for user, organization, and platform management, reducing manual operational tasks.

Tech stack: Angular, .NET, PostgreSQL, Weaviate, Docker

Full Stack Developer | Zentury Media

Sarajevo, Bosnia and Herzegovina | Sep 2023 - May 2025

- Built CRM and business automation platform used by 500+ active users in e-commerce and service industries.
- Designed and maintained backend APIs and frontend architecture ensuring scalability and maintainability of the system.
- Led full infrastructure migration (Contabo → Hetzner), including database and application deployment with minimal downtime (~ 3 hours).
- Implemented Stripe-based subscription billing system processing recurring payments for SaaS customers.

Tech stack: Angular, .NET, Next.js, PostgreSQL,

Software Developer | ReadyDev Technologies

Sarajevo, Bosnia and Herzegovina | Sep 2022 - Aug 2023

- Developed e-commerce and sports platform features used by thousands of end users across Europe.
- Implemented UI components with focus on clean code, maintainability, and cross-browser compatibility.
- Collaborated in agile team environment contributing to troubleshooting and feature delivery cycles.
- Participated in API integration and frontend performance optimization tasks.

Tech stack: Angular, React, JavaScript

Software Developer | BaxDEV

Zenica, Bosnia and Herzegovina | Mar 2022 - Sep 2022

- Developed React-based features for client CRM, car marketplace, and tourism agency platforms used by end customers.
- Contributed to backend API development using Laravel, focusing on maintainable architecture and structured business logic.
- Performed debugging, refactoring, and documentation of existing application modules to improve system stability and code quality.

Tech stack: React, Laravel, PHP

Software Development Intern | Softray Solutions

Sarajevo, Bosnia and Herzegovina | Apr 2021

- Worked in a 4-person team on a full software lifecycle project.
- Built Angular frontend components as part of a learning-focused development task.
- Gained experience with Git, team workflows, and Agile development process.

Tech stack: Angular, TypeScript, Git

PERSONAL FACT

I enjoy understanding how complete software systems work - from frontend and backend development to deployment and infrastructure.