



Sead Mulahasanović

Software Developer

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SUMMARY

Detail-oriented Software Developer with a decade of experience in diverse technologies, specializing in design, architecture, optimizations, and user experience. Proactive and dedicated to continuous learning.

EXPERIENCE

Full Stack Developer

06/2023 - present

DMS - Dental Management System

Dental Management System

- The project pivoted from a broad ERP to a more focused and efficient solution, refining its functionalities. The decision was driven by feedback and resource considerations, and also to better fit our business needs.
- I was involved with research, design, planning, and development.
- The most notable feature I've worked on is the Odontogram, with dynamic selection, standardised data parsing, and visualisation.

Tech: React, Mantine, Axios, Go, Java, Spring Boot

Full Stack Developer

06/2022 - 06/2023

Crewfire

Brand Ambassdor Management Software, SaaS SPA

- Closely worked with the support team to instantly respond to client issues, bug reports, and feedback.
- Integrated ClickUp's Bug Reporting tool.
- Designed and implemented an animated and interactive step-by-step onboarding guide for clients.
- Optimized API integrations for E-Commerce (Shopify, Woocommerce, and Magento).
- Improved Social API integrations (Slack, Facebook, Instagram, and Twitter).

Tech: React, Tailwind, TypeScript, JavaScript, Node, PostgreSQL, Apollo, GraphQL, Redis

Achievements

- I established myself as a reliable software developer. I quickly became the go-to person for the support team for feedback and bug reports, including all custom reports and statistic requests that needed to be pulled directly from the database.
- Led the development effort to reduce the backlog, fix issues, and improve client satisfaction across the whole app experience, which resulted in a 50% reduction in client churn.

Front End Developer

11/2021 - 04/2022

Wokik

- Developed proof of concept SEO app for keyword optimizations.

Tech: React, Material UI

Back End Developer

06/2021 - 06/2022

Cyborg-Sports

Odds compiling and high-performance calculations

- Implementation of statistical odds models for Basketball.
- Worked on generalizing and expanding the codebase to support additional sports.
- Prepared and analyzed benchmarks and profiling of high-impact functions and code with BenchmarkDotNet.

Tech: Microsoft Orleans, C#, .NET, PostgreSQL, Redis, EventstoreDB

Full Stack Developer

01/2018 - 06/2022

Dotcom Software Solutions

- Worked on multiple SaaS projects spanning more than four years.
- I was involved with design, development, and maintenance.
- Main projects:
 - Asianmonitor - Sportsbook Risk Management
 - Betmonitor - Betting Odds Comparison Tool
 - Betmonitor.pro - Betting Odds Comparison Tool

Tech: PHP, JavaScript, jQuery, MySQL, Babel, Sass, PostCSS, PWA, TWA

Unity Game Developer

10/2015 - 05/2016

Four Game Studio

- Gameplay features and developer tools
- UI/UX Design

Tech: Unity, C#, Photon Bolt Networking

INTERSHIPS

"Moja Praksa" [My Practice] Internship in Mostar

2014

Intera, Mostar (USAID partnership for innovation)

Students partnered with local companies for early work experience.

My team collaborated with company Hera and their tech lead to create an E-Learning App. We started with the MEAN stack (Mongo, Express, Angular, and Node), but later pivoted to use the Moodle platform.

EDUCATION

Information Technology

2017

Faculty of Information Technology Mostar - Bachelor's degree

Notable curriculum

- OOP Programming (C++, Java, C#)
- Network and Server administration
- IT Security
- Computer Graphics and video game development (Unity)
- Algorithms and data structures
- Mobile App Development (Java, Android)
- Desktop and Web App Development (.NET, MSSQL, JavaScript)

SKILLS

React	API Development and integrations
TypeScript	Progressive Web Apps (PWA)
JavaScript	Responsive Web Design
Node	GraphQL
Next.js	Event Sourcing
Astro	C#
Tailwind CSS	Unity
Sass (SCSS)	C++
CSS	PHP
PostgreSQL	Java
MySQL	Spring Boot
Redis	Project Management
Git	

LANGUAGES

Bosnian	Native	English	Fluent
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PROJECTS

Asianmonitor

<https://www.asianmonitor.com>

Sportsbook Risk Management

- Implementation of the new version of the Asianmonitor app - modular and easily extensible single-page app with PHP and JS (w/ jQuery).
- Introduction of Babel and Sass for an improved workflow.
- Improved the UX and provided constant feedback to the team and the designer.
- Development of the new Asianmonitor homepage, help docs, and demo page.
- Creation of the admin dashboard with real-time app control, news, and notifications.
- The continued support and development of the Asianmonitor app (slack integration, theme, localization, additional tools and modules, optimizations of the existing code and security improvements).
- Responding to the client's feedback and support.

Achievements

The initial systems and modular design enabled us to add new tools easily, which allowed us to respond quickly to clients' feedback, iterate on tools design and improve the app consistently without any operation interruptions or large code refactors.

The custom design and the constraints of not using any frameworks and plugins (except jQuery) led me to create several internal systems that fit the app's needs without extra overhead. I'm proudest of the system we have in place for creating and drawing out graphs on canvases with user interaction and read-out of changes with smooth 60fps animations.

Betmonitor

<https://www.betmonitor.com>

Odds Comparison Tool

- Implementation of the dedicated mobile version.
- Updates to the existing desktop page with new modules and styling changes.
- Adaptation of the page into PWA (Progressive web app) and later to the TWA (Trusted Web App) for Android mobile devices with a service worker and web push notifications.

Achievements

Navigating the quirks and inconsistencies between devices and browsers in mobile space was challenging, especially with the amount of data Betmonitor had to show neatly on screen at any given time, but we were happy with the result.

Betmonitor Pro

<https://www.betmonitor.pro>

Premium Odds Comparison Tool

- Creation of Betmonitor Pro, a fully mobile-friendly and responsive homepage for SaaS software, with payments using Paypal API.

Achievements

I've built an animation and transition system that was easily editable in HTML with a few predefined data tags and properties (classes, opacity transforms, colours, or any CSS value), which enabled us to design, iterate, and build animation sequences for each section of the page separately.