



Nikola Riorović

Software Developer

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About me

Passionate and dedicated software developer with a wide range of experience in creating effective, high-performance solutions. Known for delivering reliable and innovative results, I thrive on solving challenges and improving functionality across various projects. I take pride in my work and am committed to contributing to the success of every project I take on, always striving for quality and continuous improvement.

Work experience

Software Developer

March 2021 - Present

Appworks

- Developed and enhanced a CMS for hybrid mobile apps with custom plugins, including article lists, sliders, transaction pages, and more.
- Integrated online payment systems, including WSPay, Banca Intesa, Raiffeisen Bank, and CorvusPay, and implemented a complete fiscalization workflow using Laravel Queue and Supervisor.
- Optimized a high-load asset management platform handling over two million assets annually, achieving a 40% improvement in critical page load times through query optimization, caching strategies, and admin panel enhancements.
- Built and optimized APIs for mobile platforms such as iOS, Android, and Flutter, as well as web platforms based on different frontend technologies, ensuring efficient delivery of both imported and internally generated content.
- Integrated third-party APIs for external content sources, including news articles, match statistics, social media platforms, and live video streams, and implemented real-time functionalities like chat and partial text processing using web sockets.
- Authored comprehensive API documentation using Postman for simpler endpoints and Swagger for complex integrations, streamlining collaboration between backend and frontend teams.
- Performed version upgrades of core frameworks and third-party packages as needed, ensuring thorough testing of all features to maintain application integrity.
- Developed a facial recognition and object detection application fully written in Python using the Flask framework, and integrated it with an existing Laravel project.

Web developer

November 2019 - October 2020

ITMentorstva

- Developed routes, controllers, and middleware with Laravel to optimize data flow.
- Implemented Eloquent ORM and built API integrations to enhance database communication.
- Implemented interactive features with JavaScript and jQuery.
- Created responsive layouts using HTML and CSS.

Project

Backend developer

November 2024 - March 2025

Moj Rodjendan

- Built a Laravel backend for a birthday event reservation system used by iOS/Android app.
- Implemented booking for services like playroom scheduling, entertainment and more.
- Integrated online payments and fiscalization.
- Developed API endpoints for admin management of reservations and services.

Education

ICT College

October 2017 - May 2022

Web programming

During my studies, I developed a strong passion for web development and problem-solving. I eagerly explored various programming languages and technologies, which laid the foundation for my expertise today. My time in university not only deepened my technical skills but also fueled my curiosity and drive to continuously learn and improve in the fast-evolving world of technology.

Skills

Programming Languages

PHP Python JavaScript
HTML CSS

Frameworks & Libraries

Laravel Flask FastAPI Livewire
Tailwind Bootstrap jQuery

Development Tools

MySQL GitHub Bitbucket Redis
Docker Linux Composer
RabbitMQ

AI

DeepFace Whisper OpenAi API
Cursor

Languages

- Serbian
- English

Personal skills

- Technical Proficiency
- Programming and Scripting
- Problem-Solving and Troubleshooting
- Communication and Collaboration
- Continuous Learning