


# STEFAN PETKOVIĆ

## CONTACT INFORMATION

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I am a Full Stack Web Developer with 7 years of experience in creating modern and functional web solutions. I specialize in the development of websites, e-commerce platforms, and applications using Laravel, Node and React technologies, with a focus on performance optimization and SEO.

I have extensive experience working with Git for version control, Docker for containerized deployments, and managing scalable applications efficiently. My expertise spans backend and frontend development, API integrations, and modern DevOps practices to ensure robust and maintainable solutions.

### Professional Goals

Seeking to refine my English communication skills and contribute to larger-scale projects to expand my experience and professional growth.

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## EXPERIENCE

### Junior Web Developer

Web Design Serbia- <https://www.webdizajnsrbija.rs>, Remote

I participated in the development of various web applications and websites using PHP. My focus is on backend development, API integrations, and database optimization, as well as custom CMS solutions.

I have worked in small teams of 2-3 developers. Technologies used include PHP, Laravel, MySQL, HTML, CSS, and JavaScript.

*Mar 2019 - Apr 2020*

### Intermediate Web Developer

Web Design Serbia - <https://www.webdizajnsrbija.rs>, Remote

I took on greater responsibilities in planning and implementing more complex systems and web application architectures. Developed CMS solutions and integrations.

Work in a small team of 2-3 developers. Working with REST Api, Sanctum, Inertia

*Apr 2020 - Jul 2022*

### **Full Stack Web Developer**

Web Design Serbia - <https://www.webdizajnsrbija.rs>, Remote

I worked on application performance optimization, code refactoring, and introducing advanced techniques, leading projects from the initial phase to implementation.

Backend: PHP, Laravel, MySQL

Frontend: HTML, CSS, JavaScript, Inertia, React.js

DevOps and tools: Linux (Ubuntu, CLI), DigitalOcean (managing Droplets), Docker (containerization of applications), Git (version control, GitHub).

*Jul 2022 - november 2024*

### **Senior Full Stack Developer**

Paragraf Lex- <https://www.paragraf.rs/>, Remote

I worked on application performance optimization, Docker containers with queue jobs and background processes, code refactoring, and introducing advanced techniques, leading projects from the initial phase to implementation. Communications between multiple modules

Backend: Node, PHP, Laravel, MySQL, Redis, Queue

Frontend: HTML, CSS, JavaScript, Inertia, React.js, Vue3

DevOps and tools: Linux (Ubuntu, CLI), DigitalOcean (managing Droplets), Docker (containerization of applications), Git (version control, GitHub).

*november 2024 - present*

**Also Self-employed entrepreneur and sole developer of a flat-rate taxed company.**

<https://www.litewebapp.com/>

Worked on various projects using modern technologies and multiple programming languages.

Backend: Python, Node, PHP, Laravel, MySQL, Sockets, Redis, Queue  
Frontend: HTML, CSS, JavaScript, Inertia, React.js, Vue3  
DevOps and tools: Linux (Ubuntu, CLI), DigitalOcean (managing Droplets),  
Docker (containerization of applications), Git (version control, GitHub).

*november 2022 - present*

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## **EDUCATION**

### **Basics of Web Development**

Trainings and courses Novi Sad, Novi Sad

Basics of web development: HTML, CSS, JavaScript. Creating modern responsive web pages from scratch. HTML5 covers the basic structures and elements of a web page. CSS3 is used for styling the structure, defining colors, layout of elements, fonts, and appearance of various components. JavaScript adds dynamics and interactivity, enabling the addition of functionalities such as responding to user actions, data validation, and manipulation of page elements.

*Mar 2017 - Avg 2017*

### **PHP backend developer**

IT Academy, Remote

In the PHP Basics course, I learned how to use this popular scripting language to create dynamic web pages and applications. I became familiar with the basic syntax of PHP, such as working with variables, functions, loops, and conditions, which enabled me to build my first interactive elements in my projects. Through working environments, I gained skills in using various development tools like XAMPP and Docker, which allowed me to locally test and develop PHP applications. Additionally, through object-oriented programming (OOP), I learned how to organize code through classes and objects, which significantly improved my ability to write cleaner and more efficient code.

Furthermore, I adopted the basic concepts of server configuration, such as setting up an Apache or Nginx server and managing databases (MySQL), which helped me set up my own development server. When it comes to SOLID principles, I learned how they are applied in software design, enabling the creation of more flexible, extensible, and maintainable code. I

paid particular attention to principles such as single responsibility and open/closed, which are crucial for developing scalable applications.

*Sep 2018 - Avg 2019*

### **Laravel PHP developer**

Laracasts, Remote

Through learning on the Laracasts platform about the Laravel framework, I have significantly enhanced my understanding of this powerful tool for web application development. I started with basic concepts such as routes, controllers, and models, and then progressed to more complex concepts like modular architecture. I understood how modularity allows for better code organization, separating different functionalities into modules or packages, making the application easier to maintain and extend. Through this approach, I became capable of scaling applications and writing cleaner and more efficient code.

Additionally, I gained practical experience with API resources, which allow me to transform models and their relationships into JSON format, which is very useful when developing RESTful APIs. I learned how to use Laravel's built-in resource classes to define the data format that the API returns, which improved the readability and organization of the data.

When it comes to testing, I adopted various approaches such as unit testing, feature testing, and integration testing, which enabled me to write more robust code and ensure that all functionalities of the application work properly. I focused on testing controllers, models, validations, and API endpoints, which is crucial for the stability and security of applications in production.

Furthermore, through Inertia.js, I mastered how to build modern monolithic applications that use Laravel on the backend and Vue.js on the frontend, without the need to separate them into completely distinct frontend and backend projects. This allowed me to write applications with rich interactivity using familiar tools and approaches, saving time and resources.

*Dec 2020 - present*

### **JavaScript full stack MERN**

Code with Mosh, Remote

In these courses, I learned the basics of JavaScript, including data types, control structures, functions, and ES6 features such as arrow functions, destructuring, and modules. I also became familiar with asynchronous programming using promises and async/await.

React - Through the course, I gained knowledge about components, JSX, and state management in React. I learned how to use props, lifecycle methods, and how to manage data in applications. I also got acquainted with React Router for navigation and the fundamentals of managing global state using the Context API.

Node.js - I learned how to set up a server using Node.js, as well as the basics of the Express framework for creating RESTful APIs. I became familiar with middleware, handling requests and responses, and the basics of authentication and authorization.

*Mar 2022 - Avg 2023*

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## **PROJECTS**

You can see some of my projects at <https://litewebapp.com>