

Nikolai Marchenko

frontend engineer

 Belgrade, Serbia (remote/ready to relocate)

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Summary

Frontend developer with expertise in HTML, CSS, JavaScript, React, TypeScript, GraphQL, and other frontend tools. With over 10 years of experience, specializing in creating user-friendly, accessible, and performant web solutions, building scalable, responsive applications with a focus on mobile-first design and frontend performance for optimal user experiences.

Skills & Languages

Technologies: React, Javascript, Typescript, HTML, CSS, Webpack, GraphQL, SASS, LESS, Wordpress

Version Control: Git, GitHub, GitLab

Code Quality: ESLint, Prettier, Stylelint

Graphic Tools: Figma, Adobe Photoshop/Illustrator

Performance: Web accessibility standards, frontend performance optimization

Language Skills: English – C1 (Advanced), Russian – Native, Serbian – A1 (Beginner), Spanish – A1 (Beginner)

Experience

Xometry Europe

Frontend Developer

December 2020 – May 2024

Xometry is an on-demand manufacturing platform in Europe and worldwide. I developed a new customer account interface from scratch using React, TypeScript, GraphQL, AntDesign, and LESS, delivering excellent mobile-first markup. I also set up and improved the project for the Asian market.

Achievements:

- Developed multiple pages and numerous new components for a new customer account interface from scratch, enhancing user experience and increasing site conversions by 32%.
- Created mobile-first components from desktop layouts single-handedly, leading to a 25% increase in mobile user engagement.
- Improved the interface of the ERP system, contributing to overall business efficiency.
- Refactored and carefully migrated valuable features from other teams, ensuring a robust and stable codebase.
- Adapted projects for a new business branch in the Asian market, expanding the client base and increasing revenue.

Technologies: React, TypeScript, GraphQL, AntDesign, LESS, responsive design, complex refactoring.

Earnest Inc.

Frontend Developer

January 2019 – December 2020 (2 years)

Earnest was a fintech company that provided student loans and refinancing. My expertise in HTML, SCSS, JavaScript, WordPress, and React boosted user engagement. I led a team to create a design system, speeding up development, and managed performance projects, significantly reducing page load times and increasing conversion rates.

Achievements:

- Developed new modules, pages, and components using HTML, SCSS, JavaScript, WordPress, and React, including over 25 new sections and a landing page constructor, increasing user engagement by 20%.
- Led a team to create a design system, rework existing components, and build a component library with 50+ components, improving the speed of designing and developing new components by 40%, which led to a promotion.
- Managed frontend performance projects, reducing page load times from 7.8s to 0.9s, resulting in an 88% increase in site speed and a 17% increase in conversion rates.
- Assisted design and marketing teams with A/B tests and lengthy projects, improving engagement rates by 25% through effective test setup and execution.

Technologies: HTML, SCSS, JavaScript, React, WordPress, Critical CSS, Page Speed tools, performance optimization.

Student Loan Hero

Frontend Developer

September 2016 – January 2019 (2 years 5 months)

Student Loan Hero was a fintech platform that provided free tools to help people manage and refinance their student loans. My expertise in HTML, CSS, JavaScript, React, Webpack, and WordPress helped optimize frontend performance, boost site speed and accessibility, and establish coding standards.

Achievements:

- Redesigned and developed new product features, refactored applications. Developed 40+ new components in 3 different projects.
- Led frontend performance optimization projects. Boosted desktop page speed by 2x, mobile page speed by 6x. Reduced asset size by over 70%.
- Authored team code style documentation, design standards, and set up linters. Reduced legacy code by 98%.

- Improved project architecture. Decreased build time by 70%, increasing development efficiency by 30%.
- Enhanced accessibility to WCAG 2.0 Level AA, increasing user engagement by 15%.

Technologies: HTML, CSS, JavaScript (ES6), React (Redux), Webpack, PHP, WordPress, Sass/PostCSS.

Small companies

Notamedia

Frontend Developer

June 2015 – August 2016 (1 year 3 months)

Self-Employed

Frontend Developer

January 2014 – June 2015 (1 year 6 months)

Rutorika

Frontend Developer

May 2012 – December 2013 (1 year 8 months)

Platzkart

Frontend Developer

February 2010 – May 2012 (2 years 4 months)

Education

Practicum USA

The Master Course at the Mentor School

April 2020 – May 2020

Krasnodar College of Electronic Instrumentation

Engineer's degree, Programming Automated Control Systems

September 2004 – June 2008