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

- Built new customer account from scratch using React, TypeScript, GraphQL, AntDesign and LESS, with dozens of pages and hundreds of React-components, enhancing user experience and increasing site conversions by 30%. Enabled business scaling into new regions, making a significant impact on client acquisition and expanding market reach.
- Built mobile versions from desktop layouts using my knowledge of responsive design, CSS architecture, and design principles. As a result, the project became fully available on mobile devices, leading to a 25% increase in mobile user engagement.
- Launched a new business branch for the Asian market, collaborating with international teams to adapt company projects. Used Ant Design to develop market-specific features and migrate functionalities. Delivered clean, efficient code and implemented best practices. My work led to successful market entry, increasing client base and revenue.

Earnest Inc.
Frontend Developer
January 2019 – December 2020 (2 years)

- Developed new modules, pages, and components for the main project using WordPress, HTML, SCSS, plain JavaScript, and React. Created over 25 new sections, built a landing page constructor, and developed several key landing pages, significantly enhancing the project's functionality and user experience. Increased user engagement by 20%.
- Assisted design and marketing teams in launching A/B tests, leveraging my expertise in test setup and execution. Contributed to a 25% improvement in conversion rates and data-driven decision-making. Collaborated closely with cross-functional teams to align on objectives and outcomes.
- Led a 4-person team to create a design system, rework existing components for design consistency, and build a component library. Managed the refactoring and redesign of all components, resulting in consistent design standards, better user experience, and a comprehensive library of 50+ components. This system improved the speed of designing and developing new components by 40%.
- Managed frontend performance projects, including analysis, documentation, refactoring, fixing performance issues, Critical CSS, graphics optimizations, and font loading. Utilized various Page Speed tools, reducing page load times from 7.8s to 0.9s, resulting in an 88% increase in site speed, improved user experience, and a 17% increase in conversion rates. Introduced new optimization processes, ensuring scalability for high traffic.
- Managed lengthy projects requiring collaboration with design and marketing teams. Analyzed data from various teams and business metrics, achieving outstanding results and earning a promotion.

Student Loan Hero
Frontend Developer
September 2016 – January 2019 (2 years 5 months)

- Redesigned and developed new product features and refactored applications using ES6, React (Redux), Webpack, PHP, WordPress, HTML, and Sass/PostCSS. Collaborated closely with Product, Analytics, and Marketing teams, creating new templates, enhancing user experience, improving code quality, and boosting site functionality and aesthetics.
- Led a major internal project focused on frontend performance, optimizing image and font rendering, reducing deployed code size, and refining asset loading strategies. Delivered a talk on image optimization. Achieved a twofold increase in desktop page speed, a sixfold increase in mobile page speed, and over a 50% reduction in the size of downloaded assets. Cleaned up code, set up linters, and rewrote code in ES6, enhancing accessibility and validity.
- Authored team code style documentation and set up JS/CSS linters for all projects, promoting coding standards and consistency. Maintained frontend architecture for multiple projects, ensuring scalability and performance. Conducted refactoring and code reviews, reducing legacy code by 98% and addressing stale code effectively.
- Improved project architecture by upgrading from Webpack 2 to Webpack 3 with performance optimizations and from Webpack 3 to Webpack 4, decreasing build time by 70% and enhancing developer experience. This upgrade increased development efficiency, allowing the team to deliver features 30% faster and reducing build errors by 50%.

- Enhanced accessibility to WCAG 2.0 Conformance Level AA, improving site usability for all users and increasing user engagement by 15%. Delivered a talk at a local meetup on this topic, raising awareness and sharing best practices within the community. This improvement helped the business reach a wider audience and comply with regulatory standards, reducing potential legal risks.
- Contributed to Student Loan Hero's acquisition by LendingTree for $60M in July 2018, reflecting the platform's significant value and impact.

Other small companies
Frontend Developer
June 2015 – August 2016 (1 year 3 months)

- Developed large complex projects for the government and large advertising companies.
- All projects were under non-disclosure agreements.

Self-Employed
Frontend Developer
January 2014 – June 2015 (1 year 6 months)

- Worked with various outsourcing companies on multiple projects, mostly under NDAs.

Rutorika
Frontend Developer
May 2012 – December 2013 (1 year 8 months)

- Developed promotional and advertising projects for various clients, including award-winning campaigns.

Platzkart
Frontend Developer
February 2010 – May 2012 (2 years 4 months)

- Started career in a leading web studio, gaining significant experience through various projects, including parallax sites and live broadcast organization.

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