Yaroslav Rashchupkin

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SENIOR FRONT END ENGINEER

Front End Engineer with over 5 years of experience and strong fundamentals in Front End technologies. Like building scalable web infrastructure and making websites fast. Worked in healthcare, education, finance and e-commerce domains. Passionate about programming.

EDUCATION

SUMY STATE UNIVERSITY   Sumy, Ukraine
PhD in Computer Science   2024 - present
Master's degree in Computer Science   2022 - 2024
Bachelor's degree in Computer Science   2017 - 2021

WORK EXPERIENCE

BROCODERS   Sumy, Ukraine
Senior Front-end Engineer   May 2019 – present

- Defined the front-end architecture from the ground up, selecting appropriate frameworks, tooling, and design patterns to ensure scalability, maintainability, and performance. Established coding standards, folder structures, and reusable component libraries, enabling efficient onboarding and long-term codebase health.
- Used such tools as Intercom and Airbrake to enhance error tracking, user support, and debugging capabilities. These integrations enabled real-time issue identification and streamlined communication with users, improving development efficiency and product stability.
- Integrated AI-powered features into multiple projects, collaborating closely with back-end teams to deliver intelligent, real-time user experiences. Upgraded the communication method from polling to WebSockets, resulting in smoother interactions and slightly improved performance and responsiveness.
- Built high-performance dynamic pages featuring complex UI components such as editable tables with column reordering, cell-level editing, drag-and-drop functionality, and virtualization for handling large data sets efficiently. Incorporated smooth, interactive animations using Framer Motion, enhancing user experience and adding fluidity to UI interactions.
- Collaborated with back-end engineers to implement Stripe-based payment systems across multiple projects, including support for subscriptions and one-time payments. Focused on front-end integration, delivering smooth and secure user payment experiences.
- Led mentorship and onboarding efforts for new team members, providing guidance on best practices, project architecture, and tools. Conducted regular code reviews, ensuring a smooth transition and fostering a collaborative, growth-oriented team environment.
- Implemented a wide range of integrations across multiple projects, starting with Google services like authentication and maps, and extending to advanced features such as video calls. Enabled seamless user experiences by connecting third-party APIs and services to meet project-specific requirements.

SKILLS & TECH STACK

Programming Languages: HTML, CSS, Javascript, Typescript.
Technologies: React, Redux, Gatsby.js, Strapi, Stripe, Next.js, Astro.js, React-hook-form, Radix UI, Material UI, Tailwind CSS, Jest, Cypress, React Query, Vite, Vercel, Framer-Motion.
Additional skills: Figma, Jira.
Languages: Ukrainian (L1), Russian (L2), English (B2).