SERGEI IU

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SUMMARY

I'm a **Frontend Web Developer** with **3+ years of experience**.
My experience primarily involves developing products for the education, enterprise, and gaming sectors. I am passionate about creating useful and engaging applications.

EXPERIENCE

Frontend Developer, YLab (IT Services and IT Consulting)
remote
Dec 2025 - current 2026

- Developed and maintained complex user interfaces for key application modules, building responsive layouts, data tables, sidebars, toolbars, and pagination using the Ant Design component library.
- Drove frontend performance optimization through code-splitting, lazy loading, and efficient re-rendering strategies, significantly improving page responsiveness.
- Adhered to modern architectural principles (FSD / Feature-Sliced Design) for feature development and refactoring, ensuring code scalability and maintainability.
- Implemented critical client-side features like validation, smart search, and autocomplete. Wrote robust API integration layers for seamless backend communication.

Intern Frontend Developer, YLab (IT Services and IT Consulting)
remote
May 2025 - Nov 2025

- Worked in a team setting, participated in code reviews and agile development process.
- Developed skills in debugging, unit testing, and writing clean, modular code.
- Designed an intuitive user interface using CSS Modules to enhance user experience and engagement.
- Utilized Webpack for module bundling and project optimization.
- Contributed to the development of new user-facing features and optimization of existing processes.
- Gained hands-on experience implementing real-time functionality using WebSocket connections.
- Assisted in architectural discussions and decision-making for frontend components.
- Applied knowledge of Server-Side Rendering (SSR) principles in a practical development environment.

Frontend Developer, Freelance
Moscow, Russia
Feb 2022 - May 2025

- Designed and developed full-stack web applications from concept to deployment using the Next.js framework, React, Node.js, Express.js, focusing on user-centric solutions.
- Engineered responsive, mobile-first interfaces for productivity and wellness applications, ensuring optimal UX across all devices.
- Implemented core application logic and state management for features like habit tracking, Pomodoro timers with leaderboards, and interactive event calendars.
- Built secure user authentication systems and integrated MongoDB databases via Prisma/Mongoose to persist and manage user data.

SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, Python
Frameworks/Libraries: React.js, Next.js, Redux, Express.js
Tools: TailwindCSS, Ant Design, Vite, Webpack, Jest, Three.js, Figma | Prisma, MongoDB,
Concepts: Agile/Scrum, CI/CD, Microservices, Performance Optimization, RESTful APIs, SPA, SSR

PROFESSIONAL DEVELOPMENT

YLab
Apr 2025 - May 2025
React Intensive Course (certificate)

EDUCATION

Sasovo Flight School of Civil Aviation
Sep 2016 - Aug 2019
Master's degree in Informatics Engineering

Bauman Moscow Technical State University
Sep 2010 - July 2016
Master's degree in Informatics Engineering

LANGUAGES

English: Professional proficiency
Russian: Native proficiency