Dmitrii Shmakov

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Experienced Lead Software Engineer with 10+ years of success leading high-performing teams and providing web software with test coverage up to 100%. Strong frontend expertise and a deep technical background in designing and developing large-scale solutions. Passionate about leveraging AI to build innovative, efficient, and scalable products. Open to opportunities in AI, Fintech, and Web3.

SKILLS

Primary Skills	React, Typescript, JavaScript, Node.js, Next.js, Java, Kotlin, GraphQL, react-query, Apollo, react-testing-library
Secondary Skills	Team-management, Docker, Cypress, redux, styled-components, Sass, CSS, Kotlin, Webpack, Express.js, git
Certifications	PME PMBOK (Expert PME), SWE team-lead training program (Otus), status of Accredited investor (MOEX)

EXPERIENCE

Lead software engineer May 2023 - Present
Vega Investments *Remote*

- Orchestrated the development of an asset management platform, leading a 4-engineer team to achieve a 99.98% uptime;
- Integrated an internal AI chat and financial analytics system, enhancing user insights and reducing data processing time by 30%;
- Supported the frontend team by developing test environments, educating team members, and handling DevOps tasks, improving overall team efficiency and deployment processes.

Senior software engineer Aug 2019 - Feb 2023
Revolut *Dubai, UAE/ Moscow, Russia*

- Directed frontend initiatives for Revolut's credit department, crafting high-quality business support tools and client-facing web applications with React and Typescript, ensuring 100% test coverage and 99.97% server uptime;
- Optimized a company website with more than 8 million monthly users and 80.000 pages by improving its load speed by 75%, based on Google Insight recommendations using React, Typescript, Gatsby, Next.js, and Cypress. Implemented best practices in web performance optimization, resulting in improved user experience, A11y, and full GDPR support;
- Collaborated with cross-functional teams to develop innovative solutions for complex technical challenges and business requirements. Exhibited a thorough and meticulous approach in all projects developed alongside a team of up to 12 members.
- Implemented a React-based framework for internal tools, reducing development time by 30% and streamlining processes for over 50 internal users.

Senior software engineer Mar 2018 - Jul 2019
Level travel *Moscow, Russia*

- Engineered a new user interface for Level Travel, cutting build time by 90%, which accelerated product releases and improved productivity. Completed optimizations to significantly reduce the build time from 2 hours to just 20 minutes, resulting in increased productivity and faster time to market;

Software engineer May 2017 - Feb 2018
Open bank *Moscow, Russia*

- Led the development of the "Digital Mortgage" project, delivering backoffice tools and a React-Native MVP in 6 months, while introducing A/B testing on the main website, cutting page load time by 50% and boosting conversion by 20%.

Co-founder / CTO Sep 2014 - May 2017
JureCloud *Moscow, Russia*

- Spearheaded the development of JureCloud as CTO. Led a team of 6 engineers in creating an innovative AI platform that automates legal document creation based on pre-existing templates, without human intervention using Node.js as a web-server. Successful launch achieved a 50% reduction in the document creation time.

Software engineer Aug 2013 - Sep 2014
Netbell *Moscow, Russia*

- Produced 3 projects by designing various frontend solutions using jQuery, Express.js, D3.js, and different CSS preprocessor.

Education

Master of Business Informatics, High School of Economics, Moscow 2017
Bachelor of Business Informatics, High School of Economics, Moscow 2015

Leadership

Head of MoscowJS meetup Sep 2019 - Feb 2022
Spearheaded the MoscowJS meetup, organizing 7 high-profile events for 150-200 attendees, which resulted in a 30% increase in community participation over three years, significantly enhancing community engagement and knowledge sharing.