Vladimir Skvortsov

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Summary

Senior Full-Stack Web Developer with over 5 years of experience in developing and maintaining scalable web applications. Proficient in Python, TypeScript, Node.js, React, SQL, and MongoDB. Proven ability to enhance application performance, achieving a 30% improvement at Toolium through modern front-end solutions. Seeking to leverage my expertise to drive impactful solutions that contribute to business success.

Experience

Senior Full-Stack Web Developer, Toolium — June 2023 – Dec 2024

- Developed an advanced, responsive front-end for a browser-based video editing application, resulting in a 30% enhancement and ensuring smooth user interaction.
- Built a comprehensive web storage solution, featuring diverse storage options, an internal file system, file previews, commenting functionality, and sharing capabilities.

Senior Full-Stack Web Developer, YesChef — Apr 2022 – June 2023

- Improved the mobile version of the application, leading to a 20% increase in mobile user retention.
- Implemented a custom video player compatible with both desktop and mobile platforms.

Senior Full-Stack Web Developer, Arktrade — June 2021 – May 2022

- Built an intricate internal messaging subsystem to enhance intra-application communication using web sockets.

Senior Full-Stack Web Developer, ActionBox — Apr 2020 – Apr 2021

- Designed and developed a robust video conferencing platform using WebRTC, which supported up to 100 concurrent users and achieved a 99.9% uptime, incorporating real-time chat and screen sharing features.
- Developed a dynamic text editor that supports real-time collaborative editing and visibility of concurrent users' modifications.

Technical Skills

Programming languages: Python, SQL, R, C, C++, MATLAB, Java, JavaScript, TypeScript

Data science: Pandas, NumPy, Jupyter Notebook, Scikit-learn, PyTorch, TensorFlow, Keras, Matplotlib, Seaborn, SciPy, Transformers, NLTK, Streamlit, LangChain, Tableau

Front-end: HTML, Pug, EJS, CSS, SASS, Stylus, PostCSS, Bootstrap, Foundation, AJAX, SPA, JQuery, React, React Router, Redux, Styled Components, Ant Design, GraphQL, Apollo, AnimeJS, Storybook, ThreeJS, Tailwind

Back-end: NodeJS, Express, Mongoose, Apollo Server, SSR, Fastify, Prisma, Django, DRF, FastAPI, PassportJS, NextJS, NestJS, Electron

Databases: PostgreSQL, MySQL, MongoDB, Redis

DevOps: Bash, Docker, Jenkins, CircleCI, Git, GitHub, BitBucket, GitLab

Testing: Jest, Enzyme, Backstop, Mocha, Chai

Education

National Research University ITMO, MS in AI Product – Saint-Petersburg, Russia — Sept 2025 – present

Peter the Great St. Petersburg Polytechnic University, BS in Applied Mathematics and Informatics – Saint-Petersburg, Russia — Sept 2021 – June 2025

Publications

Ontology Description Language ONTOL V1 Apr 2025

Mikhail Aptukov, Mikhail Markov, Fedor Novikov, Danil Pestryakov, Vladimir Skvortsov, Ilsaf Khamidullin

Computer Tools in Education

Languages

English: Fluent

Russian: Native