Dmitrii Shatokhin

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Summary

I'm Dmitrii, a seasoned software engineer with a rich background in web development. My expertise spans from C, C++, Python to advanced web technologies. I'm the founder of Persevie, an open-source organization where I've developed projects like Statemanjs, EBEXJS, and Grimoire CSS. Beyond these, I have other projects in development and plenty more ideas in mind. I also love contributing to other open-source projects and being part of a community that builds together. Passionate about technology's potential, I seek to solve complex challenges and contribute to meaningful advancements. Outside work, I cherish family time and music, grounding my pursuit of excellence in technology.

Experience

Front End Architect

Support Partners

Jan 2022 - Present (2 years 9 months)

Contributed to the design and development of complex web architectures with a focus on scalability, performance, and modularity. Played a key role in selecting technologies, writing critical code, and mentoring the team to achieve significant improvements in product performance and user experience.

Key Projects & Achievements:

- AIR Archive 2.0: Led the complete front-end re-engineering of AIR Archive, resulting in a 9.5x performance increase and 4x reduction in memory consumption. Introduced a modular architecture that enabled seamless integration of various mini-applications.
- AIR Admin: Developed a highly customizable administrative interface, enhancing client satisfaction and platform adaptability.
- AIR Uploader: Redesigned and developed a modular, scalable uploader for large digital assets, integrating advanced security features and real-time feedback mechanisms, which became a critical component of AIR 2.0.
- MWG Archive: Tailored a media management solution for McCann Worldgroup, improving their digital asset workflows and operational efficiency.
- MediaValet Bot: Designed and integrated a cross-platform bot for Microsoft Teams, streamlining media asset management and collaboration.
- NAB Show Presentations: Showcased Support Partners' innovative products at NAB Show Conferences, attracting significant interest from major media organizations.

Senior Frontend Developer

Graph

Jan 2021 - Jan 2022 (1 year 1 month)

Contributed to the development and optimization of various web platforms, focusing on performance enhancements, legacy code refactoring, and feature development. Played a key role in stabilizing and enhancing the AIR Archive system.

Key Projects & Achievements:

- AIR Archive: Implemented critical optimizations and refactoring, significantly improving system responsiveness and maintainability.
- MWG Archive: Customized and optimized the system to better suit the client's specific needs, improving user experience and system performance.
- BBC Uploader: Led the development of a high-performance media upload platform, reducing time-to-live for critical news content.

Teacher of the course "Python Developer"
GeekBrains
Nov 2017 - Dec 2020 (3 years 2 months)
Developed and delivered a comprehensive Python programming course, equipping over 200 students with the skills needed to excel in IT roles. Focused on practical application and real-world problem-solving.

Key Achievements:

- Educated over 200 students with an average course rating of 4.8.
- Contributed to a 70% job placement rate among graduates.

Senior Frontend Engineer
actiTIME
Aug 2020 - Nov 2020 (4 months)
Enhanced the functionality and user experience of the actiTIME platform by developing key features in project and team management. Focused on delivering responsive, user-friendly interfaces.

Key Achievements:

- Improved user productivity through enhanced Project Tracking and Team Management features.
- Ensured the reliability of new features with rigorous testing and optimization.

Lead Software Engineer
SBNT
Dec 2019 - Mar 2020 (4 months)
Led the design and development of a proof-of-concept platform for a med-tech startup, focusing on medical data analysis and machine learning model implementation.

Key Achievements:

- Successfully developed a functional POC platform for advanced medical data analysis.
- Integrated custom machine learning models, enhancing predictive capabilities.

Senior Frontend Developer
G2

Aug 2019 - Nov 2019 (4 months)
Developed advanced Lidar algorithms for Uber's self-driving car technology, focusing on real-time data processing and accuracy.

Key Achievements:

- Improved Lidar accuracy and map-building efficiency, enhancing autonomous vehicle operations.

Software Engineer
Uber
May 2018 - Sep 2018 (5 months)
Developed advanced Lidar algorithms for Uber's self-driving car technology, focusing on real-time data processing and accuracy.

Key Achievements:

- Improved Lidar accuracy and map-building efficiency, enhancing autonomous vehicle operations.

Software Engineer
Mail.ru Group
Apr 2017 - Jan 2018 (10 months)
Contributed to the development of key features for the VK platform (https://vk.com/about), enhancing user engagement and content delivery through optimized recommendation systems and real-time communication tools.

Key Achievements:

- Launched VK Stories and VK Live, significantly increasing user interaction.

Software Engineer
MMK
Nov 2014 - Nov 2017 (3 years 1 month)
Developed and implemented automation algorithms to optimize steelmaking processes at one of the largest steel production complexes in the world. Focused on improving operational efficiency and reducing downtime through advanced process control and predictive maintenance.

Key Achievements:

- Enhanced the accuracy of the steel melting process, leading to improved product quality.
- Reduced equipment downtime by implementing predictive maintenance algorithms.
- Modernized the production control system, contributing to long-term sustainability and productivity.

Full Stack Developer
Magnitogorsk State Technical University named after G.I. Nosov (MSTU)
Sep 2016 - May 2017 (9 months)

Developed and enhanced an educational portal for MSTU, focusing on improving user experience and performance. Integrated new features for course management and optimized the platform for better accessibility.

Key Achievements:

- Successfully launched an updated educational portal with enhanced functionality and performance.
- Reduced page load times by 50%, improving accessibility and user experience.
- Streamlined administrative processes through the integration of new modules.

Full Stack Developer

Jan 2014 - May 2017 (3 years 5 months)

Delivered a range of web development services, including website creation, landing page design, and automation scripting for various clients.

Key Achievements:

- Successfully completed multiple projects, enhancing the online presence of small businesses and improving client satisfaction.

Education

Magnitogorsk State Technical University named after G.I. Nosov (MSTU)

Bachelor's, Architecture

Sep 2012 - Jul 2016

Skills

JavaScript/TypeScript • HTML/CSS • React • SSR • UI/UX • REST APIs • GraphQL • Architecture • SOLID • TDD

Honors & Awards

IEEE Senior Member - IEEE

Jun 2024

Only 10% of IEEE's more than 450,000 members hold this grade