

Boris Vasilenko

Senior Full Stack Developer

SUMMARY

Senior full stack developer with over 15 years of experience in developing web and mobile applications in various stacks, including MERN/MEAN and C#/dot-NET. Throughout my career, I have specialist in creating complex software solutions, including SaaS platforms, learning management systems (LMS), analytical (BI) and administrative dashboards, as well as e-commerce applications. I approach my work in a systematic and structured manner, carefully analyzing a wide range of aspects of the projects I create: from response speed optimization to scaling. In addition, I have a deep understanding of the specific technical requirements of industries such as EdTech, Healthcare, industrial IoT.

EDUCATION & TRAINING

Academic education

- **M.C.A. Master of Computer Applications**, St. Petersburg Electrotechnical University, 2011
- **BEng. Bachelor in Computer Engineering**, St. Petersburg Electrotechnical University, 2009

Training

- **Microsoft Ignite Limited Training, USA, 7-day training course, Microsoft, 2012**
- **Microsoft Certified Professional Developer, Web Developer (SP 2010) - 2011**

PROFESSIONAL EXPERIENCE

Team Lead & Senior Software Developer

iXsystems Inc. United States — Remotely, **Jul 2021 – Mar 2025**

Responsibilities:

- Led the Enterprise Storage Dashboard project and a team of five senior developers, developing a user interface for real-time monitoring and management of data storage infrastructure.
- Created a reliable web interface for a virtualization platform, facilitating the management of virtual resources.
- Developed a comprehensive web dashboard for managing data storage infrastructure, including interactive visualization and data analytics.
- Participated in an open source project on github.com.
- **Tech stack:** Angular, TypeScript, Material design, RxJS, JavaScript, Kubernetes, MySQL

Senior Full-Stack Developer

Smart Study GmbH. Germany — Remotely, **Dec 2019 – Nov 2024**

Responsibilities:

- Participated in the development of an internal corporate e-learning platform (LMS) for a company in the EdTech industry.
- Created a web interface and mobile interface for effective course management, allowing courses to be assigned to the entire company, individual employees, departments, and divisions.
- Created a user interface module that provides administrators with a complete list of course participants, allowing them to track course progress.

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Senior Full Stack Developer

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- Developed backend logic and APIs for role-based access control, providing a customized user interface for each role.
- Provided the platform with cross-platform compatibility and responsiveness.
- **Tech stack:** Angular, Material UI, TypeScript, PHP, Redis, SQL, Docker, Kubernetes

Senior Software Developer (Full Stack)

Real Life Interaction GmbH. Germany — Remotely, **Dec 2018 – Nov 2023**

Responsibilities:

- A built-in messenger has been added to the web application for visitors to large offline conferences, allowing participants to exchange images, videos, and documents.
- A user interface module has been developed for searching for business partners, allowing event participants to quickly exchange electronic business cards based on their business interests.
- A personalized control panel called “My Agenda” has been created, allowing participants to customize and manage their personal schedule for attending conference events.
- **Tech stack:** React, TypeScript, Material UI, Tailwind CSS, JavaScript, AWS, MongoDB и Docker

Senior Software Engineer

Codestryke GmbH. Germany — Remotely, **Mar 2018 – Dec 2019**

Responsibilities:

- Developed an industrial IoT control panel.
- Created a web application with standardized web interface components.
- Created user interface modules that digitally display workshop equipment.
- Developed a centralized task management system for users and operators, optimizing the workflow.
- **Tech stack:** Angular, TypeScript, Tailwind CSS, Docker, MySQL

Senior Full Stack Developer

GRID DYNAMICS LLC. St. Petersburg, Russia, **Feb 2016 – Mar 2018**

Responsibilities:

- Developed a mobile adaptive web interface on Angular for online auctions. Implemented a mobile application based on Apache Cordova.
- Created an API on Node.js with integration of payment gateways for real-time updates via web sockets to display auction bids and completed transactions.
- Optimized the MongoDB database for high loads and efficient data management.
- Structured the TypeScript architecture into a strict class hierarchy in accordance with SOLID principles.
- Created a comprehensive set of unit tests.
- **Tech stack:** React, TypeScript, Material UI, Docker, MongoDB, AWS, Stripe, PayPal и Auth0

Senior Full Stack Developer

Predictive Fitness LLC. United States — Remotely, **Dec 2016 – Mar 2017**

Responsibilities:

- Reworked the application using modern technologies to improve performance and scalability.

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- Implemented pixel-perfect custom interface designs provided by the UX designer.
- Organized a fully shared cross-platform code base for Android and iOS applications based on Apache Cordova.
- Added geolocation and tracking features to mobile applications.
- Improved user interaction performance by optimizing responsiveness.
- **Tech stack:** React, TypeScript, AWS, Stripe, Tailwind CSS, Python, Flask

Full Stack .NET Developer

INTERMEDIA.NET LLC. St. Petersburg, Russia, **Jul 2012 – Feb 2016**

Responsibilities:

- Developed an AngularJS web dashboard for remote management of employee mobile devices.
- Converted an outdated ASP application into a single-page application using AngularJS.
- Developed a web dashboard for cloud data synchronization over a period of 20 months.
- Achieved 95% coverage of unit tests for a large number of front-end components as part of improving the quality of the entire code base.
- Optimized the deployment process using build scripts.
- **Tech stack:** C#, Angular, JavaScript, LESS, CSS, Bootstrap, MS SQL

HEAD OF R&D DEPARTMENT

ITTILAN LLC. St. Petersburg, Russia, **2009 – 2012**

Responsibilities:

- Managed a team of three developers.
- Organized the Kanban workflow in the MVP prototype development team.

SOFTWARE ENGINEER

ITTILAN LLC. St. Petersburg, Russia, **2009 – 2012**

Responsibilities:

- Modernized the technology stack by switching from the old ASP to the modern ASP.NET C# and JavaScript.
- **Tech stack:** C#, ASP.NET, JavaScript, LESS, CSS, MS-SQL