Boris Vasilenko

Front-end Senior Developer
React.js, Tailwind, Angular, Material

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SUMMARY

Experienced software engineer with over 15 years of experience in computer programming, specializing in React-based web applications, enterprise dashboards, and other complex projects built with modern web front-end technologies.

- More than 15 years of experience in React, enterprise dashboards, and other web technologies.
- Writing high-quality code, easy to work with.
- Advanced knowledge in SOLID, Design Patterns, refactoring & unit-testing.
- In-depth understanding of the EdTech, Healthcare, and IIoT industries.
- Worked over 30,000 hours in a rigorous and transparent environment, delivering high-quality software products.

EDUCATION

Certifications
- 2012 — Microsoft Ignite Limited Training, California, 7-day training course, Microsoft
- 2011 — Microsoft Certified Professional Developer: Web Developer (SP 2010)

M.C.A. Master of Computer Applications – Saint Petersburg Electrotechnical University, 2011

PROFESSIONAL EXPERIENCE

Front-end Senior Developer
Independent contractor and consultant. Remotely from Yerevan, Armenia
January 2017 – Current

Independent contractor and consultant specializing in React-based single-page applications, enterprise dashboards, and other complex projects built with modern web front-end technologies
- ed-tech SaaS event platform - 4 years;
- industrial IoT platform for smart factories – 14 months;
- ed-tech custom LMS platform (web app) - 4 years;
- ed-tech anti-phishing training platform (web app) - 2 years;
- telemedicine admin dashboard at skin-analytics.com (mobile/desktop web apps) – 4 years;
- dentistry practice SaaS platform (web app) – 14 months;
- fitness admin dashboard at tridot.com (multiple mobile/desktop web apps) – 2 years;
- e-commerce integration platform at dashnex.com (web app, chrome extension) – 6 months.

PAST PROJECTS

Angular Senior Developer
iXsystems Inc. United States — remotely from Yerevan, Armenia
July 2021 – Current

- Participated in an **Enterprise Storage Dashboard** project for the **IIoT** company.
- Built a web UI for a powerful virtualization platform for running virtual machines.
- Built a web dashboard, which provides a comprehensive view of the entire storage infrastructure.
- Worked on a public, open-source project.

React Senior Developer
Smart Study GmbH. Germany — remotely from Saint-Petersburg, Russia
December 2019 – July 2021

- Participated in the **SaaS Event platform** project for the **EdTech** company.
- Built text chat ability to send messages, images, videos and documents.
- Built a matchtaking UI module for event participants to quickly find suitable contacts.
- Built dashboard "My agenda" for participants to put together their own schedule.

React Senior Developer
Real Life Interfaction GmbH. Germany — remotely from Saint-Petersburg, Russia
February 2018 – December 2019

- Participated in the **E-Learning platform** project for the **EdTech** company.
- Built web UI for course management, for courses to be assigned to the whole company, individuals, departments and sub-departments.
- Built UI module for course participants list for admins to always know who has completed the course.
- Built back-end logic and API for role-based access control.
- Adapted the platform to work on every operating system, on every tablet.

React Senior Developer
Codestryke GmbH. Germany — remotely from Saint-Petersburg, Russia
March 2018 – December 2019

- Participated in an **Industrial IoT Dashboard** project for the **IIoT** company.
- Worked on a lightweight web application with standardized web UX with modular integration of third-party components.
- Built a UI module which provides a digital representation of all assets and staff.
- Built a centralized task management for users and operators.

Angular Senior Developer
WRLDVW Inc. US — remotely from Saint-Petersburg, Russia
March 2017 – March 2018

- Participated in a **Marketplace platform** project for the **FinTech** company.
- Built mobile responsive web UI using Angular, with an installable PWA.
- Built node.js API including payment callbacks and web-socket live updates.
- Setup MongoDB database for high load and optimal performance.
- Built the code in a strict hierarchy, consisting of controller, manager, and service classes in typescript.
- Built a suite of unit tests to ensure its functionality and integrity.

Angular Senior Developer
Predictive Fitness LLC. US — remotely from Saint-Petersburg, Russia
December 2016 – March 2017

- Participated in a **Triathlon Training platform** project for the **Fitness** company.
- Modernized the tech stack by rebuilding the app in the modern tech stack.
- Implemented pixel-perfect custom UI provided by UX designer.
- Did a unique setup to reuse code for Android and iOS apps, without rewriting or duplicating a single line of code (without Ionic)
- Geolocation and tracking ability on iOS and Android apps (without Ionic)
- Improved user interaction performance by 20-30%

EMPLOYMENT HISTORY

JavaScript Senior Developer
Grid Dynamics LLC. Saint Petersburg, Russia
February 2016 – December 2016

- Built a large web dashboard using the latest version of Angular.
- Improved code quality by achieving 95% unit-test coverage for front-end components.
- Enhanced deployment process through building scripts.

JavaScript / C# Senior Developer
INTERMEDIA Inc. Saint Petersburg, Russia — SaaS-platform "Office in the Cloud"
June 2012 – February 2016

- Cloud email for business project (14 months):
  - Developed a web-based dashboard in AngularJS for remote management of employees' mobile devices
  - Implemented unit tests for front-end components
- Cloud message backup project (12 months):
  - Converted a large legacy ASP application into a single-page application using AngularJS
- Developed a web-based dashboard for cloud data synchronization over a period of 20 months.

Mobile Web App Developer
Dream Big Apps Ltd. Saint Petersburg, Russia
2011 – 2013

- My own software company
- iOS/Android web apps with Apache Cordova and React.js
- SaaS dashboard based on CouchDB

Head of web solutions department
ITTILAN Ltd. Saint Petersburg, Russia
2011 – 2012

- Web dashboard for cloud infrastructure management in C#
- Being a team lead, I've built a team consisting of 5 senior developers

JavaScript Developer
ITTILAN Ltd. Saint Petersburg, Russia
2009 – 2011

- Modernized the tech stack by converting old ASP into modern ASP.NET C# and JavaScript