Dmitrii Smolentsev

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Summary

A full stack software developer with about 10 years of experience in building web, desktop, and mobile applications. Most of my work has been in startup projects and contract roles, where I often took on the challenge of bringing ideas to life - from concept to production - as a sole developer. I'm passionate about software development in general, but what truly excites me is the process of building something from scratch and turning ideas into real, functional products. Over the years, I have worked with various languages, stacks, and technologies, adapting to what each project demands. I'm eager to leverage my skills in a collaborative environment to contribute to team success and learn from diverse perspectives.

Top Skills

Frontend
TypeScript, JavaScript, React, Redux, Next.js, Vue.js, PWA, SPA, WebSockets, Tailwind CSS, Jest, Cypress, Vitest

Backend
Node.js, Adonis.js, Laravel, PHP, MongoDB, MySQL, PostgreSQL

Tools & Technologies
Figma, Storybook, Git, Docker, DigitalOcean, Electron, WebGL, React Native, MQL, C, C++

Experience

NextBV KZ LLP, Almaty, Kazakhstan
Full Stack Developer
September 2022 - Present

Developed a web application designed for repair center technicians to view and interact with schematic and boardview files. The application features extensive support for various types of boardview file formats, providing technicians with a comprehensive tool for efficient repair and analysis.

AcuDo, Saint Petersburg, Russia
Full Stack Developer
April 2021 - May 2022

Developed both hardware and software components:

Hardware: Created schematic and PCB designs using EasyEDA and designed the device enclosure with Autodesk Fusion 360.

Firmware: Implemented device firmware using Texas Instruments' TI-RTOS.

Software: Developed the backend with Node.js. For the mobile application, I chose React Native and MobX for state management.

inFibo, Saint Petersburg, Russia / Balzers, Liechtenstein
Full Stack Developer
September 2014 - February 2022

Developed a private automated trading system for the Forex market.

Initially, the system was implemented using PHP for the website and backend, and MQL4 (a C++ -like DSL) for MetaTrader advisors. As the project evolved, the frontend and backend applications were separated: the backend was rewritten in Node.js, and the frontend was developed using Vue.js.

MedScreen, Saint Petersburg
Full Stack Developer
May 2019 - October 2020

Designed and implemented a cross-platform, offline-first desktop application for ECG signal processing using Electron, Vue.js, and Dexie.js as a main stack.

Built a Laravel-based backend with Amazon S3-compatible storage for storing and processing ECG recordings.

Education
RSHU
Marine Information System
Attended: 2009 - 2013