Sergei Droganov
Product Engineer | Belgrade, Serbia

Key Skills

Front-end
React
NextJS
User Interface
Full-stack
JavaScript
TypeScript
NodeJS
Python
GraphQL
OpenApi
PostgreSQL
FastAPI
OpenAI

Bio

Meet Sergei, the engineering wizard who's been crushing complex projects since 1999. With a passion for collaborating with interesting (read: slightly quirky) people, he's honed his skills in crafting sleek, functional designs and writing rock-solid code. These days, he's all about building web apps with React, GraphQL, and Node.js — and making it look easy.

Highlights

24 Years of Experience

My extensive career spans various sectors including Advertising, E-Commerce, Logistics, Education, and FinTech, equipping me with a diverse set of skills and perspectives.

Tire Quoting Platform

Developed a robust React application for a leading tire quoting business in Canada, integrating dozens of OEMs, 1,500 dealers, custom skins, localization, and hundreds of features, significantly enhancing the user experience and operational efficiency.

ESG Metrics Dashboard

I've successfully implemented an ESG metrics dashboard using React and DevExtreme for an Irish FinTech startup, allowing both predefined and custom metrics display.

WebRTC Streaming Platform

By replacing AWS MediaLive with Red5 WebRTC streaming, I managed to cut the latency from 30 seconds down to 0.5 seconds, resulting in a significant cost reduction from $100K to a mere $600 per month.

Twitter Data Research Tool

Developed a React frontend using Three.js 3D network graph for a Twitter data research tool, employing a paid Twitter API to collect and transform data into visual graphs.

Survey Paltform

Created a React application for a sophisticated survey platform, incorporating advanced features like campaigns, reports, data export options, rules, and conditions, along with a display application for standalone and embedded use.

Intranet Portal

Built a fully-featured corporate intranet portal incorporating real-time functionalities such as messenger services, notifications, and a news feed.

Web-Based ERP

Designed and deployed a web-based ERP system to streamline the delivery processes of a logistics company. The system was used at a substantial scale for over a decade.

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