

VADIM BELOV

SOFTWARE ENGINEER

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SUMMARY

Full-Stack Software Engineer with strong UI/UX instincts and full product ownership experience. I design and build clean, high-performing applications from the ground up — from pixel-perfect user interfaces to scalable backend systems and robust DevOps workflows. With a broad and production-tested tech stack, I deliver results fast and independently, helping companies reduce overhead and accelerate delivery.

SKILLS

- **.NET:** C#, .NET Framework, ASP.NET Core, MVC, Web API, WinForms and WPF, Blazor, Microservices Architecture, SignalR, Razor Pages, OOP, Design Patterns, Unit Testing.
- **Database:** SQL Server, EF Core, LINQ, Database Design, Queries, Stored Procedures, Triggers, Indexing, Migrations, Backup and Recovery, NoSQL (Redis), T-SQL, PostgreSQL, MSSQL, MySQL.
- **Web:** HTML/CSS, JavaScript, AJAX, RESTful APIs, React, Angular, Bootstrap, jQuery, TypeScript, WebSockets, OAuth/OpenID, Responsive Design, Cross-Browser Compatibility, Progressive Web Apps (PWAs), Single Page Applications (SPA), WebAssembly, XML/JSON Parsing.
- **Tools and Platforms:** Visual Studio, VS Code, Git, Docker, Azure, CI/CD Pipelines (GitHub Actions, GitLab CI), PowerShell/Bash scripting, NPM, NuGet, YouTrack/Jira, Postman, Kafka/RabbitMQ, Elasticsearch, Prometheus/Grafana, gRPC, Linux.
- **Soft Skills:** Team Collaboration, Problem-Solving, Agile, Project Management, Leadership, Critical Thinking, Mentoring and Coaching, Startup Experience.

PROFESSIONAL EXPERIENCE

CSI WORKS

San Diego, USA - Part-Time
02/2024 – Now

FullStack Engineer

- Developed and maintained scalable backend services using .NET (C#, ASP.NET Core, Web API) to manage EBT/SNAP and Tobacco Scan Data compliance for retail merchants.
- Integrated POS systems (Clover) with inventory management workflows, including support for commercial weight scales and government-funded programs like Double Up Food Bucks.
- Built and optimized component-based web interface for bulk inventory management with advanced filtering, editing, and data import/export features.
- Implemented secure RESTful APIs and integrated with Shopify for seamless product sync and reporting, automated backup systems and developed reporting dashboards.
- Designed tobacco item compliance management system using shared product databases and automatic metadata enrichment.
- Collaborated with cross-functional teams to maintain tax and legal compliance of EBT items across multiple states.
- Leveraged DevOps practices (Docker, CI/CD with GitHub Actions, monitoring via Grafana) to ensure high availability and reliability.

TMK-GROUP

Senior Software Engineer

Remote
11/2023 – 02/2024

- Saved over \$100,000 in inventory management developing a production tracking system using cameras and AI.
- Built the company's IT infrastructure from scratch - from network equipment to backend services and React UI.
- Developed a pipe production tracking application using ASP.NET Core, React, and a mathematical model on C#, significantly reducing human labor and production downtime.
- Built responsive, scalable and reusable components using React and modern front-end technologies

TMK-GROUP
Software Engineer

Moscow, Russia – Full-Time
04/2021 – 11/2023

- Designed and implemented backend services using ASP.NET Core Web API, and frontend components with React, Blazor, and SignalR.
- Developed an OAuth authorization service using JWT/Refresh tokens to enhance security and streamline user authentication.
- Created an application for handling the storage and transmission of high-frequency signals, optimizing data processing efficiency.
- Designed and implemented modular and reusable React-components following best practices.

T-DIRECT CALL CENTER
Software Developer

Moscow, Russia – Full-Time
09/2020 – 04/2021

- Developed C# applications in .NET/.NET Core to streamline call center operations and improve efficiency.
- Automated collection of statistics and data analysis from the database in Excel, enhancing decision-making processes.
- Implement and maintain user interfaces with React's component lifecycle methods.

T-DIRECT CALL CENTER
System Administrator

Moscow, Russia – Full-Time
04/2019 – 09/2020

- Maintained call center servers and network, minimizing downtime and enhancing productivity.
- Implemented security solutions, reducing the risk of data breaches.

EDUCATION

HUMANITARIAN-TECHNICAL UNIVERSITY
BE in Computer Software Engineering

Rostov-on-Don, Russia
2021 – 2022

COLLEGE OF INFORMATICS AND COMPUTER ENGINEERING
AS in Computer Systems Networking and Telecommunications

Moscow, Russia
2013 – 2017

PATENTS

CROSS-PLATFORM AUTHENTICATION AND USER ACCOUNT MANAGEMENT SYSTEM "DIGITAL ID"
RU 2025612336

01/29/2025

PROGRAM FOR DETERMINING THE POSITIONS OF ROLLS OF A CONTINUOUS MILL IN THE PRODUCTION OF PIPES "ROLL POSITION"
RU 2024690777

12/17/2024

PROGRAM FOR CALCULATION AND ANALYSIS OF TECHNOLOGICAL PARAMETERS OF THE ROLLING PROCESS BASED ON PHYSICAL AND MATHEMATICAL MODELS
RU 2021663399

08/16/2021

HONORS AND AWARDS

INTERNATIONAL FORUM HORIZONS-2021 - YOUTH SCIENTIFIC AND PRACTICAL CONFERENCE

First place in the "Business" section, subject of presentation: a mobile application for counting the number of pipes in difficult production conditions using computer vision technologies

Microsoft Learn Challenge – 2025

Learn how Copilot can help secure your organization at machine speed! Explore generative AI, understand Microsoft Copilot for Security features, and gain skills to use in both embedded and stand-alone experiences.

WORK PERMISSION

Authorized to work in the United States for any company and period.