

# Pavel Belinovich

Senior Frontend Developer | AI & Machine Learning Enthusiast

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## Professional Summary

Senior Frontend Developer with 9+ years of experience building enterprise applications. Specializing in React ecosystem, architectural solutions, and AI/ML technology integration into products. Full-stack development experience including legacy system migrations and implementing modern architectural patterns.

## Key Skills

### Frontend

React   TypeScript   Redux  
Web Workers   WebSocket   SCSS/CSS  
React Native

### Backend & Databases

Node.js   Express   RavenDB   REST API  
SSE

### AI & Machine Learning

Fine-tuning   LoRA   Ollama   Mistral 7B  
Model Optimization   Quantization

### Tools

Webpack   Git   Docker   CI/CD  
NPM CLI   Cursor

## Work Experience

2019 – 2025



### Senior Frontend Developer

JTC (JSC "JT Consulting")

*Russia, Saint Petersburg*

#### CODELESS CMS System Migration

- Participated in designing and implementing migration from file system to RavenDB + Node.js
- Developed automatic isolated environment ("pods") creation system with dynamic nginx configuration
- Created SSE communicator with typed API methods through Proxy API
- Implemented repository architecture with transaction support in memory/database layers

#### Frontend Development

- Developed code editor with real-time validation, autocompletion, and DOM rendering
- Created figma-style main page interface with adaptive grid system
- Implemented configuration comparison system with Web Workers calculations
- Built usage calculation mechanism for project element navigation

#### Integration Solutions

- Created project integration mechanism between different CODELESS instances
- Developed module connection system with npm/Nexus repository integration
- Implemented React Native module for PayControl — seamless document signing integration

React

TypeScript

Node.js

RavenDB

Web Workers

SSE

Express

React Native

2018 – 2019



## Frontend Developer

JTC (JSC "JT Consulting")

*Russia, Saint Petersburg*

### Banking System Module Development

- Created account, statement, and payment order modules for VTB, Gazprom Bank, Otkritie Bank
- Worked with client-side microservice architecture
- Implemented complex forms with multi-stage validation and error handling

React

Redux

Redux Form

TypeScript

CryptoPro

2016 – 2018



## 1C-Bitrix Developer, Frontend Developer

Recifra (LLC "Yugra Internet Solutions")

*Russia, Khanty-Mansiysk*

### Major Projects

- HANS pizza chain IS — order management system (Dodo system analog)
- KHMAO Gosuslugi mobile app — regional version for iOS/Android
- Corporate portals: Yugra Development Fund, Yugra Investment Portal

1C-Bitrix

jQuery

Backbone

Underscore

Cordova

Framework 7

## Personal Projects

### Smart Cart Bot

AI-powered Telegram bot for comparing grocery store prices and automatically collecting carts from user messages

 [smartaicartbot](#)

 [smart-cart](#)

#### Features

- Fine-tuning Mistral 7B with custom dataset (1500+ records)
- Natural language parsing into structured data (JSON)
- Integration with multiple retailer APIs (Pyaterochka, Magnit, Dixi, Perekrestok)
- Automatic price comparison and optimal cart formation

Node.js

TypeScript

Express

RavenDB

Mistral 7B

LoRA

Ollama

Telegram API

## Education

2013 – 2017

### Yugra State University

Bachelor, "Computer Science and Engineering"

- Higher technical education
- KHMAO-Yugra Governor Scholar
- Thesis: "Web interface for Smart Home system"

Backbone.js

Underscore.js

jQuery

Cordova

Framework 7

HTML/CSS

JavaScript

## Additional Information

**Preferences:**

Remote work, open to relocation

**Interests:**

AI/ML development, frontend application architecture, performance optimization

**Status:**

Actively seeking Senior Frontend/Fullstack Developer position with AI/ML technology opportunities