

VIKTOR NEMETS

Senior Software Engineer | Frontend & Full-Stack Development

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PROFESSIONAL SUMMARY

Senior Software Engineer with 5+ years of commercial experience building production web products, with deep frontend expertise and recent full-stack delivery. Strong in React, TypeScript, Vue/Nuxt, microfrontends, offline-capable PWAs, data-rich administration systems, performance, and complex UI state. Commercial experience includes Python/FastAPI services, PostgreSQL, Redis, background jobs, AI integrations, and Node.js/TypeScript data pipelines; additional API and deployment work with NestJS, Hono, and Docker comes from independent projects. Promoted to Senior at Intelsy and trusted with mentoring, estimation, code review, and technical feasibility assessment. Open to international relocation and employer-supported work authorization where required.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, HTML5, CSS3

Frontend: React, Next.js, Vue.js, Nuxt.js, Redux Toolkit, Redux Saga, Zustand, Jotai, Vuex, Pinia, SCSS Modules, Tailwind CSS, shadcn/ui

Architecture & Browser: Microfrontends, Module Federation, Server-Driven UI, PWA, Service Worker/Workbox, IndexedDB, Web Workers, Android WebView, REST APIs

Backend & Data: FastAPI, Node.js, NestJS, Express, Hono, PostgreSQL, Redis, SQLAlchemy, Prisma, TypeORM

Testing & Delivery: Vitest, Jest, React Testing Library, pytest, E2E testing, Git, Docker, Docker Compose, GitHub Actions, Vite, Webpack, Turborepo

AI & Agentic Development: OpenAI API, OpenRouter API, Codex, Claude Code, multi-step agent workflows, structured repository instructions, custom agent skills, MCP tool integration

PROFESSIONAL EXPERIENCE

INTELSY | Software Development & Team Extension | Remote

Senior Frontend Engineer | Nov 2025 - Present

Frontend Developer | Jan 2021 - Oct 2025

Software development and team extension company; embedded in client and internal product teams across mobility, fintech, real estate, enterprise collaboration, and AI products.

- Promoted to Senior in Nov 2025 after successive performance reviews; mentor and onboard developers, review code, and deliver technical knowledge-sharing presentations.
- Estimate frontend scope and delivery effort, contribute to technical feasibility assessments for potential projects, and collaborate with product, design, and backend stakeholders.

Neurogoose - AI-Assisted Project Estimation Platform (Internal) | Apr 2026 - Present

Full-stack web platform that converts project briefs and uploaded documents into structured estimates, task breakdowns, risks, and recommendations.

Technology: Next.js 16, React 19, TypeScript, Python, FastAPI, OpenAI API, OpenRouter API, PostgreSQL, Redis/arq, SQLAlchemy, Docker, Vitest, pytest

- Delivered secure full-stack profile and administrator workflows with protected Next.js routes, FastAPI validation, RBAC, search and pagination, private avatar storage, and automated tests.
- Implemented an AI provider boundary for the OpenAI and OpenRouter APIs, with Pydantic-validated structured outputs and sanitized provider errors.
- Hardened asynchronous analysis workflows with PostgreSQL-backed job state, idempotent queue identifiers, retries, reconciliation, and concurrency controls.

Yandex - In-Vehicle Advertising Platform | 2024 - Present

Passenger-facing tablet PWA in Android WebView plus a web administration and analytics platform for campaigns, connected devices, statistics, and reports.

Technology: React 18, TypeScript, Vite, Zustand, Redux Toolkit, Jotai, Workbox, IndexedDB, Web Workers, Formik, Zod, ECharts, TanStack Table/Virtual

- Develop and maintain passenger tablet experiences and a data-rich administration SPA, contributing across media playback, ride-aware UI, device configuration, analytics, and operational tooling.
- Refactored IndexedDB access into a self-healing layer that detects missing object stores, recreates invalid databases, and restores clients; contributed to cache-first media and widget delivery under intermittent connectivity.
- Implemented multi-brand international tablet variants, ride-aware onboarding, animated QR/fullscreen flows, embedded Yandex Books state handling, and focused regression tests.
- Built tablet device-profile workflows with conditional Formik/Zod validation and tablet-widget analytics with ECharts, API-specific filters, and Web Worker calculations.
- Moved GPS and chart preprocessing off the main thread, introduced cancellable map requests and virtualized tables, and refactored statistics around aggregated APIs and server-side search.

Digital Agency Rating - AI-Assisted Agency Analysis (Internal) | Delivered 2026

Data collection and reporting tool whose outputs supported the founder's agency rankings and website visualisations.

Technology: TypeScript, Node.js, Playwright, Cheerio, OpenRouter API, HTML, CSS, JavaScript

- Independently delivered a Node.js/TypeScript pipeline for portfolio scraping, LLM-based industry classification, aggregation, and interactive HTML reporting; one saved run produced 2,098 classified cases from 136 agencies.
- Implemented HTTP/browser extraction fallbacks, structured-output checks, checkpoints, bounded concurrency, and rate-limit retries for resumable processing.

INTELSY - SELECTED PROJECTS (CONTINUED)

Alfa-Bank - Financial Products & Microfrontend Platform | 2022 - 2024

Enterprise frontend ecosystem for personalized business-product offers and new-account onboarding.

Technology: *TypeScript, React, Next.js, Redux, Redux Saga, Webpack Module Federation, Server-Driven UI, PostCSS, Axios*

- Developed a reusable React package for personalized offer flows and an account-opening microfrontend integrated into a wider frontend ecosystem through Module Federation.
- Worked with Server-Driven UI, remote module loading, shared dependency versioning, Redux Saga, and style isolation across distributed frontend modules.
- Built and refined shared components; contributed to unit and E2E testing, code reviews, bug fixing, and refactoring.

RedCat - Real Estate CRM | 2024

CRM for real estate agencies, employees, roles, permissions, and property-viewing workflows.

Technology: *React, Next.js, D3.js, Yandex Maps*

- Built agency and agent profile workflows with hierarchical employee roles, permissions, and organization-management interfaces.
- Developed D3.js organizational data visualization and property-viewing booking with Yandex Maps; improved maintainability through testing and refactoring.

Sber - SberPortal Meeting Scheduling Service | 2021 - 2022

Enterprise meeting coordination product for calendar availability, physical locations, and online conferencing.

Technology: *TypeScript, React, Redux Toolkit, WebView, SCSS, Feature-Sliced Design*

- Built meeting coordination UI with calendar, map-based location, Zoom, and Google Meet integrations.
- Designed reusable custom React hooks and components, applied Feature-Sliced Design, developed WebView integrations, and contributed to unit tests and code reviews.

Intelsy - Corporate Website | 2024

Public company website presenting services and delivery capabilities.

Technology: *TypeScript, Next.js, GSAP, SCSS*

- Built responsive Next.js pages and interactive GSAP animations from design mockups; added functionality, unit tests, bug fixes, and refactoring.

AI Russia / Mail.ru Group - AI Case Showcase Platform | 2021

Awards website and library of applied artificial-intelligence cases.

Technology: *Vue.js, Nuxt.js, Vuex, Pug, SCSS, GSAP*

- Developed new interface features and interactive blocks, implemented complex GSAP animations, and contributed to performance optimization and legacy-browser support.

INDEPENDENT ENGINEERING PROJECTS

- Built a real-time chat application with Next.js, Hono, Server-Sent Events, PostgreSQL, and Prisma, plus a Telegram habit-tracking service using TypeORM and PostgreSQL.
- Use Node.js, NestJS, and Express in additional API projects; configure Docker, Docker Compose, Docker Swarm, GHCR, and GitHub Actions for local infrastructure and deployment workflows.
- Use Codex and Claude Code for multi-step implementation, codebase analysis, testing, and refactoring; create repository-level agent instructions and custom skills, configure MCP tools, and critically review generated changes.

ADDITIONAL EXPERIENCE

UNIUM | Programming Instructor (Part-time) | 2020

- Taught programming fundamentals and introductory web development to students aged 10-16 using HTML, CSS, JavaScript, Python, C#, and Unity.

EDUCATION

Bachelor's Degree in Information Systems and Technologies | 2018 - 2022

Admiral Ushakov Maritime State University, Novorossiysk, Russia

English Language Studies | 2023

Kiwi English Academy, Auckland, New Zealand

ACHIEVEMENTS & LANGUAGES

Hackathons: 2nd Place - Cyber Garden (2019); 2nd Place Regional and 1st Place Online - HERE Location (2019); 3rd Place - HERE University (2020).

Languages: Russian - Native | English - B2