

Oleksii Koniushkov

Senior Front-End Developer

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PROFESSIONAL SUMMARY

Senior Front-End Developer with 8+ years of experience across React and Vue, building enterprise-scale interfaces for CRM, sales, and operational tooling. Most recently led front-end architecture, performance, and analytics across three production applications inside HP's internal sales console suite, working remotely within a distributed, multi-team engineering organization. Comfortable owning a product end to end — from early proof-of-concept through multi-year production maintenance — and collaborating directly with backend, design, and product stakeholders across international teams.

TECHNICAL SKILLS

Frameworks & Libraries: React, Vue 2 / 3, Next.js

Languages: TypeScript, JavaScript, HTML, CSS

PROFESSIONAL EXPERIENCE

Behind The Machine

Creative Developer · behindthemachine.dev · Solo Build · May 2026 – Present

Stack: Next.js, React Three Fiber, Three.js, Blender

Personal portfolio site — built entirely solo, from concept through 3D modeling, design, development, and SEO.

- Modeled the machine in Blender, built the rig (~700 bones), animated the full teardown and reassembly, and rendered it to a 170-frame sequence.
- Built scroll-driven playback with Next.js, React Three Fiber, and Three.js — scroll position drives which frame of the sequence displays, like a slideshow on a single 3D mesh.
- Synced audio to scroll — sound cues trigger as the visitor moves through the sequence.
- Designed on the fly in Claude Design, directly against the live build rather than from pre-made mockups.

ADM Interactive

Senior Front-End Developer · Tallinn · Remote · Oct 2021 – Apr 2026

Senior front-end engineer across HP's internal sales tooling suite, working remotely within a distributed, multi-team organization under a formal enterprise change-management process.

HP Dynamics CRM (MyCRM) — React, PCF

- Built the initial proof-of-concept for embedding React (PCF) components inside Microsoft Dynamics CRM — an approach Microsoft's own team had initially rejected in favor of Power BI; the business chose React after a live demo, and the project shipped and remains in production.
- Grew the platform from one application to three (3–4 modules each), each with its own infrastructure, consolidating data from multiple external systems into a single interface inside CRM.
- Owned UI architecture and analytics, including Azure Application Insights event tracking across all three applications.
- Drove performance improvements by controlling data volume and request frequency: paginated large data sets on scroll, split heavy requests into parallel smaller ones, scoped queries to the visible time window, and cached results in a Zustand store to avoid refetching.
- Built the interface against mock data first, defining the data contract that backend and database developers then implemented to match.
- Maintained detailed technical documentation for every code change, keeping the work transparent and transferable across teams.
- Collaborated with multiple cross-functional teams; the platform is in day-to-day use across HP's sales organization.

HP SSC (Single Sales Console) — Vue 3

- Served as primary developer on HP's sales console, covering accounts, sales planning, and multi-step workflows across the full hierarchy from territory to opportunity level.
- Made key architectural decisions and served as the team's go-to resource for implementation direction.
- Built the console's heavy UI: multi-chart dashboards and large, filterable, sortable data tables.

- Owned the form layer end to end, including forms exceeding 200 inputs — designing the decomposition strategy that kept validation, state, and render performance manageable at that scale.
- Improved performance by reworking what data was fetched and when, deferring unneeded requests so screens no longer blocked on unnecessary calls.
- Wrote unit and store-logic tests against mocked Vuex state, and led the knowledge-transfer effort that brought the team up to speed on testing Vue.
- Instrumented the product with Azure Application Insights to track real usage patterns.
- Realigned the entire front end to a new backend API when the product moved from MVP to a larger production team, reworking the integration layer and remapping every request and data model.
- Maintained and evolved the product across roughly 15 production releases, from post-launch stabilization through decommissioning.

HP UR (Universal Roster) — *Vue 3*

- Joined mid-project and built out several modules of a personnel-hierarchy tool spanning global region down to organization level, including complex multi-step forms.
- Delivered against a tight deadline, resolving the outstanding issues blocking production release.
- Conducted technical interviews for senior Vue.js developer hires as the team scaled.

Radio Station Platform — *Next.js*

- Provided ongoing support for a statically generated Next.js site outside the HP portfolio: interface updates, bug fixes, and new pages and stations.
- Resolved server-rendering and static-generation build issues as they surfaced.
- Fixed recurring ad banner failures that were directly impacting revenue.

Redentu

Front-End Developer · Lviv · Remote · Jan 2021 – Sep 2021

Delivered four client products in nine months as the team's front-end developer, working directly with international clients and product owners in English for the first time.

Video Conferencing Platform — *Vue 2, WebRTC*

- Rebuilt an existing MVP from scratch around a new design, expanding scope well beyond the original build.
- Built the WebRTC call surface in Vue 2 — camera, microphone, and screen sharing in the browser.
- Implemented two conference modes, open participation and hosted, with host controls including admission approval and the ability to mute or remove participants mid-call.
- Added real-time chat over WebSockets running alongside the call.
- Resolved a long backlog of Safari-specific WebRTC issues, tracking down and working around platform divergences from Chromium.

Back-Office SPA — *Vue 2*

- Built two CRM-style back-office applications for the video conferencing product: one managing users, chats, and invitations, the other a marketplace-style product catalogue.

Small Business CRM — *Vue 2*

- Worked directly with the client's designers, managers, and backend developers on requirements, design handoff, and API contracts.
- Built the CRM's dashboards and dense data tables.
- Built a reporting layer generating a large set of downloadable PDF reports.

Education Platform — *Vue 3*

- Built the grading module inside an existing large codebase, following established structure and patterns.
- First production Vue 3 work, learning the framework directly inside an existing Vue 3 codebase.
- Worked directly with the product owner and their backend developer.

Bonum Studio

Front-End Developer · Kherson · Hybrid · Jun 2019 – Jan 2021

Delivered five distinct products in nineteen months — an SVG editor, two offline PWAs, a healthcare platform, a trading UI, and animated marketing sites — several in technologies new at the time.

Healthcare Platform — *Angular 6.0*

- Built map-based facility search on Leaflet and OpenStreetMap, covering medical facilities, doctors, and diagnostic technologies, with appointment booking.

- Built four distinct user-type interfaces — patient, doctor, clinic, and technology provider — from a single Angular 6 codebase.
- Implemented interface motion with Angular's declarative Animations API rather than hand-written CSS keyframes.
- Managed data flow with NgRx, keeping four interfaces consistent against shared underlying entities.
- Server-rendered the platform with Angular Universal for crawlability and fast first paint on a search-driven directory.

Constructor — *Vue 2, SVG*

- Built an SVG-based editor for customizing prints on apparel and accessories (T-shirts, mugs, caps) — first Vue application, built while learning the framework.
- Hand-wrote the geometry layer: vector transforms driving rotation, scaling, and layer ordering.
- Serialized finished designs to SVG sent directly to print, requiring exact geometric output.

Offline PWA Pair — *Vue 2, PWA, IndexedDB*

- Built two offline-first applications: a point-of-sale system and a companion personnel-management app.
- Loaded the full product catalogue into IndexedDB at shift start so the till kept working with no connection.
- Queued receipts in IndexedDB and synced them to the server through a retry loop, ensuring none were lost given tax-reporting requirements.
- Implemented printed receipts from a template with laser barcode scanner integration.

Crypto Trading Bot UI — *Vanilla JS*

- Built the entire interface in vanilla JS: a real-time Chart.js price chart for BTC and ETH with the user's open orders plotted on the same axes.
- Connected to the backend over WebSockets for real-time price movement and order-fill updates.
- Implemented fixed-step and Fibonacci-spaced order-placement strategies.
- Reconciled the chart in real time against the live exchange as orders filled.

Marketing Sites — *JS, HTML, CSS, GSAP*

- Built 5–10 landing pages, implemented pixel-perfect from Figma designs.
- Added GSAP animation as an integrated part of the design on several sites.
- Ported several sites to WordPress for independent client content management.

Mobius Software

Front-End Developer · Zaporizhzhia · On-site · Jan 2018 – Apr 2019

First professional front-end role, at an IoT software company — the starting point for engineering practice beyond code: Git workflows, work estimation, and building as part of a team.

Pet Marketplace — *AngularJS*

- Joined an existing codebase and extended the buy-and-sell flow, contract generation, and deal-status tracking.
- Built the admin panel used to manage the site's content.
- Delivered multilingual support including right-to-left layouts.

Law Firm Platform — *AngularJS*

- Built all three parts of a law firm's platform: the public client-facing site, an admin panel, and an internal CRM for the firm's lawyers.
- Shipped multilingual, including Hebrew, requiring full right-to-left layout mirroring rather than simple string swaps.
- First project taken end-to-end from scratch rather than inherited.

Multi-Protocol IoT Client — *Node.js, AngularJS*

- Built a Node.js client/server pair supporting real-time messaging over MQTT, MQTT-SN, WebSockets, CoAP, and AMQP.
- Built the REST API layer, with Redis holding connection/message state and RabbitMQ moving messages between internal components.
- Built the AngularJS interface for protocol selection, connection management, and live traffic monitoring.

Corporate Websites — *AngularJS*

- Built and maintained multiple corporate and product sites, each with its own content-management admin panel.