

# DENIS MIKHAILOV

Senior Full-Stack Engineer · TypeScript · Vue / React · Node.js · Web Automation & Browser Extensions

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## SUMMARY

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Senior full-stack engineer (8+ years) specializing in Vue/Nuxt and React/Next.js SPAs, Manifest V3 browser extensions, and Node.js automation. End-to-end product ownership — from architecture and UI to scraping pipelines, monetization, and Chrome Web Store / Edge publishing.

## CORE SKILLS

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**Frontend:** TypeScript, JavaScript (ES2023+), Vue/Nuxt, React/Next.js, Astro (SSG), HTML5/CSS3, Tailwind, reusable component libraries, responsive & accessible UI

**Browser Extensions:** Chromium & Firefox, Manifest V3, Browser APIs, Chrome Web Store & Edge Add-ons publishing and policy compliance

**Backend:** Node.js, Express / Fastify, REST, WebSockets, BullMQ

**Data & Automation:** Web scraping (Playwright, Puppeteer), monitoring & notification bots, anti-bot handling (proxy rotation, rate-limiting, fingerprinting), LLM APIs (OpenAI, DeepSeek, Deepgram, Whisper), Telegram API

**Infrastructure & DevOps:** Redis, SQLite, Supabase, Prisma, Docker, VPS, GitHub Actions, Railway, Vercel; paywalls & monetization (ExtensionPay, crypto)

## PROFESSIONAL EXPERIENCE

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### Avtormedia — Senior Frontend Engineer

Remote · 2021 – 2026

*AdTech / influencer marketing agency*

- Built and shipped 10+ internal web apps, admin panels and dashboards in Vue/Nuxt, used daily by 80+ users across departments.
- Designed a shared component library and UI conventions on top of PrimeVue, unifying every internal product and speeding up feature delivery.
- Partnered with backend and product to take features from idea to release, turning requirements into UX flows and shipped screens.
- Built interfaces for content-management, sales-communication tracking and notification tools.

### Freelance — Full-Stack Developer

Remote · 2018 – Present

*Browser extensions, web platforms & automation*

- Designed and shipped 50+ cross-browser extensions (Manifest V3) for Chromium and Firefox — CRM workflow automation, OCR and speech-to-text, and monetized SaaS-style products published to Chrome Web Store and Edge Add-ons.
- Built Node.js backends and automation systems: real-time chat/operator services over WebSocket, automated content-publishing bots, booking and availability monitors with notifications, and third-party API integrations.
- Engineered web scrapers with anti-bot handling (proxy rotation, rate-limiting, fingerprinting) feeding structured data pipelines and catalogs.
- Designed secure paywall and monetization architectures and integrated LLM APIs (OpenAI, DeepSeek, Deepgram, Whisper).
- Delivered across 190+ client engagements with consistent top ratings and long-term, repeat relationships.

## LANGUAGES

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Russian — Native · English — Professional working proficiency