

Aleksandr Buki

Senior Full-stack Engineer: TypeScript, Vue / Nuxt, Node.js, Three.js

Moscow, remote · +7 926 374 8417 · aleksandrbugi@gmail.com · Telegram [@alexbuki](https://t.me/alexbuki)
abuki.dev · github.com/vito2005 · [LinkedIn](#) · 3D-on-the-web channel [@threejsweb](https://t.me/threejsweb)

Full-stack engineer with 9 years in commercial development. I take a product end to end, from architecture, UI and BFF to tests, CI and deployment, and ship it to production. Specialty: 3D on the web with Three.js and WebGL. Contracting for the last two years, now looking for a full-time role on a product team.

Experience

Contract development

2024 – present

Senior Full-stack Engineer · contracting with design studios and product teams, remote

Sea Breeze Booking · via Vide Infra · 2026

- **Launched** the front end and BFF of the booking platform (booking.seabreeze.az) in **3.5 months** from first commit to production: search, funnel to online payment, 3 languages, 2 domains from one codebase.
- **Designed** a Redis server-side page cache and specified tag-based invalidation for the backend team, so pages are served from cache and the site stays up when Redis is down.
- **Cut** the GitLab CI pipeline **from ~11 to ~3 minutes**, brought npm audit findings **from 35 to 0**, and added Playwright checks (SEO, accessibility, links) to every environment.

Tekta and real-estate developer sites · via Vide Infra · 2026

- **Built** a 3D district map on Three.js (WebGPU, TSL shaders) and **shrank** the model **from 11.1 to 3.7 MB** to fit iPhone memory. Moved the WebGL layer into the studio starter so new projects can plug it in.
- **Maintain** the Ever, Air and Era sites; moved the video of 4 sites from Vimeo to Yandex Cloud Video.

OSMI.AI, decentralized AI platform · via POW, London · 2024–2025

- **Led** the front end of the node-owner platform nodes.osmi.ai: NFT license sales, rewards, staking, referral program, interactive D3 chart.
- **Added** payments to the AI chat (Stripe and OSMI token subscriptions), **hardened** its streaming UI and **built** the AI trading agent dashboard on lightweight-charts with wallet sign-in (SIWE).

hemi.xyz · via POW · 2025–2026

- **Created** 6 interactive Three.js scenes with GLSL shaders and **wrote** a Go tool that moved the blog from WordPress to Framer CMS: **293 articles**.

EBAC Online, edtech · 2024: sales-funnel automation backend on AWS Lambda and Step Functions (TypeScript, NestJS).

Metamap, San Francisco

Feb 2022 – May 2024

Full-stack Engineer (Node.js) · fintech underwriting platform for Latin American banks, remote

- **Designed** the microservice architecture for bank statement processing (Node.js, RabbitMQ, MongoDB); the average release cycle dropped **by 70%**.
- **Built** event-driven services and Camunda BPMN processes for KYC/KYB decisions; within six months the product served **35 banks**, the most in the region.

VK (Mail.ru Group), Moscow

Aug 2020 – Feb 2022

Frontend Engineer · Mail.ru home page, millions of users a day

- **Built** the ML-recommended news feed on XState and **launched** one-click VK sign-in with an A/B test.
- **Wired** Playwright regression e2e tests into CI on every deploy. The home page team won the **Chrome Excellence** award (VK People Awards 2021) for Core Web Vitals.

2017–2020: ADV, full-stack (Vue, Node.js / Koa) · Soft-Telematics, frontend (Vue, Nuxt, Leaflet map with 100,000 objects) ·

IDS360, full-stack (Node.js, Vue, React)

Projects

- **Orbit** (orbit.abuki.dev): Telegram bot and dashboard, built solo. Voice transcription with Whisper, video translation, payments via Telegram Stars and T-Bank, Supabase with RLS, an MCP server for Claude.
- **Three.js playable ads** (games.abuki.dev): one build for 6 ad networks, 131 KB gzipped.
- **Strikerstat** (strikerstat.com): started a page-by-page move from legacy PHP to Nuxt 3 (SSR, GraphQL) with no downtime.

Skills

Front end: TypeScript, Vue 3, Nuxt, Pinia, React, Svelte 5 / SvelteKit, SSR, Tailwind, XState

Back end and data: Node.js (Fastify, NestJS), Go, PostgreSQL, MongoDB, Redis, RabbitMQ, AWS Lambda

3D: Three.js, WebGPU / TSL, GLSL, TresJS · **Quality and infra**: Playwright, Vitest, Docker, GitLab CI

AI at work: Claude Code, OpenAI / Whisper, MCP

Education: Moscow Aviation Institute, automated control systems, 2010 · **Languages**: Russian (native), English (C1)