

# OLEG PROSKURIN

## Senior Full-Stack Engineer & Tech Lead

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### SUMMARY

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Senior Full-Stack Engineer and Tech Lead with **9+ years** of production experience across **Frontend, Backend, Node.js, and Headless CMS / eCommerce** platforms, including **5+ years leading remote projects** for US, UK, EU, and AU clients. Built and ran the multi-tenant Tipico US backend on Sanity (75M+ requests/month, 5 publishing environments, white-label core + state architecture). Currently Tech Lead on PrimeUI ([primeui.com](https://primeui.com), launched Feb 2026): a multi-surface platform spanning Studio web app, **public API, MCP server, CLI, and code-export pipeline**.

### SKILLS

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**Web & Full-Stack:** TypeScript, Node.js, Express, React, Next.js (App Router, SSR/SSG/ISR). TanStack Start/Router, Vite, Tailwind, shadcn-style design systems. Web performance and accessibility: Core Web Vitals, Lighthouse, WCAG

**Data & Infrastructure:** PostgreSQL, Drizzle ORM, Docker. GraphQL, WebSockets, REST APIs. Vercel, Cloudflare, Serverless & Edge functions

**Headless CMS & eCommerce:** Sanity, Storyblok, Contentful, Payload, Hygraph, DatoCMS. Shopify, Shopify Hydrogen, Crystallize, Stripe. Multi-tenant content modeling, multi-environment publishing, large-scale migrations

**LLM Integration:** multi-model routing across Claude / GPT / Gemini, schema validation and retry recovery, prompt caching, MCP server development, cross-host agent integration

### EXPERIENCE

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#### PixelPoint Ltd.

France · Remote

#### Tech Lead & Senior Full-Stack Engineer, PrimeUI

Feb 2025 – Present

PrimeUI ([primeui.com](https://primeui.com), launched Feb 2026) is a multi-surface platform that turns a sitemap and product brief into production-ready websites. It spans a Studio web app, public API, MCP server, CLI, and code-export pipeline. Lead developer, owning ~70% of platform architecture across all surfaces.

- **End-to-end full-stack ownership across the platform:** Studio web app (TanStack Start, React, TypeScript), Node.js server runtime with PostgreSQL and Drizzle ORM, Dockerized staging and production deployment, public API, MCP server, CLI, code-export pipeline, and component registry.
- **Designed and shipped the code-export pipeline and CLI:** generates a production-ready Next.js project repo in ~45 sec and ~1.5 min end-to-end from UI Export to a running local project. The generated codebase is fully owned by the customer (no vendor lock-in) and shipped as a standard Next.js project.
- **Built and published MCP server:** 25 tools letting any external codebase connect to PrimeUI as a third-party integration; cross-host compatibility verified across 6 major coding environments (Claude Code, Cursor, Codex, others).
- **Cut client-wireframe turnaround at PixelPoint** from a week of Figma prototyping to a few hours: deployed responsive prototypes with production-level performance and dynamic interactions instead of static mockups.
- **Architected the generation layer with secure multi-provider LLM integration:** multi-model orchestration via Mastra + Vercel AI SDK (10 agents, 17 workflows), per-task routing across Claude / GPT / Gemini with auth and data handling for each provider, schema validation with retry recovery, prompt caching (73% Gemini context-cache hit rate), and WebSocket-based streaming of model responses to the UI.
- **Mentored the team on modern AI-augmented development workflow** from project start, including transition to Codex ahead of public release. Open-sourced two CLI tools built in the process (codex-bee, epic-loop).

#### FocusReactive

London · Remote

#### Tech Lead & Senior Software Engineer

May 2019 – Feb 2025 (5 yrs 10 mos)

International web consultancy for clients in the US, UK, Europe, and Australia.

- **Architected the multi-tenant Tipico US backend on Sanity Headless CMS:** 5 publishing environments, 3 datasets, white-label architecture for core + state teams. Production scale: 122 CMS users, **75M+ requests/month**, 98 document types, 165K+ stored documents.
- **Led migration of 15+ client projects to Headless CMS and commerce platforms** (Sanity, Storyblok, Contentful, Payload, Crystallize, Shopify, Hydrogen), restructuring content models and cutting update cycles from weeks to days.

- **Built an LLM-based content translation pipeline:** JSON translation flow for 190 country-specific Storyblok pages, integrated into the publishing process and saving ~1 month of manual work.
- **Designed and built CMS-KIT,** an open-source Headless CMS starter and component library used across 15+ client projects, cutting kickoff from days to hours and accelerating development by ~30%.
- **Led technical hiring and team development:** designed an assessment mirroring real working conditions, ran 30+ interviews leading to 8 hires, mentored new engineers and reviewed their architectural decisions.

### GitNation

Remote

Built publishing flow via Slack API and a reusable web framework for conference websites; migrated GitNation conferences to Headless CMS.

### Osome

Singapore

Built fuzzy-logic search system and advanced UI animations for the corporate-services platform.

### Skipp

Moscow

B2B marketplace for Skolkovo Innovation Center (100+ companies); GraphQL subscriptions for real-time chat between car owners and lessees.

## PORTFOLIO

[PrimeUI](#), [MarketFinance](#), [Tipico-Platform](#), [IWM membership](#), [NotSoApp](#), [CasinoReviews](#), [VegasSlotsOnLine](#), [Caleffy](#), [Hadhat](#), [Porchlight](#), [Gitnation](#), [FocusReactive blog](#), [Skolkovo R&D Market](#), [Reverse Health](#), [Firsty](#)

## OPEN SOURCE & WRITING

- **Storybook:** contributor and steering team member during the 2016–2017 community revival; addon maintainer (storybook-addon-console, **7M+ NPM downloads**; storybook-addon-material-ui, **18K weekly**).
- **Developer tooling:** [codex-bee](#), a wrapper for long-running Codex sessions; [epic-loop](#), a Codex skill that addresses context degradation in long autonomous coding sessions via techlead/engineer role separation and durable epic state.
- **Technical writing:** articles on frontend, Headless CMS, and developer tooling at [FocusReactive blog](#) and [Dev.to](#).

## EDUCATION

**Master in Engineering,** Faculty of Electronic Engineering, Moscow Power Engineering University ([MPEI](#)), Russia

## LANGUAGES

English C1 · Russian native