

# OLEG PROSKURIN

## Senior Frontend & Full-Stack Engineer / Tech Lead

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### SUMMARY

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Senior frontend and full-stack engineer with 9 years of production experience, specialized in **React**, **Next.js**, and **TypeScript** with deep **design-system** and **component-library** work, including 5 years leading remote projects for US, UK, EU, and AU clients. Storybook steering-team alumnus and maintainer of widely-used Material-UI and component tooling on NPM. Comfortable across the full stack: Redux Toolkit / RTK Query state, Emotion styling, REST / GraphQL integration with generated typings, web performance (Core Web Vitals, bundle analysis) and accessibility. Currently Tech Lead on PrimeUI ([primeui.com](https://primeui.com), launched Feb 2026), where I built and maintain a 200+ React component library, the design-system tooling, and the pipeline that composes components into production pages.

### SKILLS

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**Frontend:** TypeScript, React (18/19), Next.js (App Router, SSR/SSG/ISR, data fetching). Redux Toolkit, RTK Query. Emotion, Tailwind, Material-UI (MUI), shadcn-style design systems. TanStack Start/Router, Vite, Webpack. Component-driven development, design systems & shared component libraries, Storybook, theming & localization

**Testing & Quality:** React Testing Library, Jest, Playwright, Vitest. Sentry, error monitoring. ESLint, Prettier. CI/CD: GitHub Actions, Bitbucket Pipelines, CircleCI, Travis, Netlify, Vercel. Code review, architecture design

**Performance & Accessibility:** Core Web Vitals, Lighthouse, bundle analysis, render optimization, WCAG

**Data & Integration:** REST & GraphQL with generated API typings, WebSockets. PostgreSQL, Drizzle ORM. Vercel, Cloudflare, Serverless & Edge functions, Docker

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

**AI Engineering:** LLM orchestration (multi-model routing, prompt caching), MCP server development, AI-augmented development workflows (Claude Code, Codex daily)

### EXPERIENCE

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#### PixelPoint Ltd.

France · Remote

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

Feb 2025 – Present

PrimeUI ([primeui.com](https://primeui.com), launched Feb 2026) is a multi-surface platform that generates production-ready websites from a curated React component library. Lead developer owning ~70% of platform architecture, with the component library, the design system, and the component-based page generation pipeline as my core areas.

- **Built and maintained the component library that is the core product asset:** 200+ React components with props schemas, variants, and design constraints, organized into families and groups. Curated and structured it as a design system that the rest of the platform builds on.
- **Built the design-system tooling:** an internal tool to define a project's visual identity (colors, typography, design tokens) and apply it across the component library, so generated pages carry a consistent theme.
- **Built a component-matching scoring model** that evaluates how well adjacent components fit together: it compares their layouts, entry and exit widths, and component format, and produces a combinability score that ranks candidate compositions.
- **Set up the page generation pipeline:** composes components from the registry into full responsive pages, validating each against the component's props schema with retry recovery, then renders and previews before export.
- **Own the Studio web app frontend** (TanStack Start, React, TypeScript): canvas-based sitemap interface, generation/preview/editing UI, with WebSocket-based streaming of responses into the UI.
- **Designed the code-export pipeline:** generates a customer-owned, production-ready Next.js + Tailwind project (no vendor lock-in) in ~45 sec, ~1.5 min end-to-end. Also built and published the [@primeui.com/mcp](https://github.com/primeui/mcp) server on NPM (25 tools, verified across 6 coding agents).
- **Run code review and architecture discussions** as daily routine; introduced Claude Code and Codex into team workflow, built custom developer tooling on top (codex-bee, epic-loop).

## FocusReactive

London · Remote

## Tech Lead & Senior Frontend / Software Engineer

May 2019 – Feb 2025 (5 yrs 10 mos)

International web consultancy for clients in the US, UK, Europe, and Australia. Shipped 15 production Next.js / React applications with TypeScript, Redux Toolkit and RTK Query, headless CMS, and serverless/edge backends.

- **Built and maintained shared component libraries and design systems** across client projects, working component-driven with Storybook, theming, and localization. Shipped CMS-KIT, an open-source Headless CMS starter and component library reused across 15 projects, cutting kickoff from days to hours and accelerating development by ~30%.
- **Owned frontend performance and accessibility:** optimized client applications for Core Web Vitals, ran bundle analysis and render optimization, and brought pages to WCAG accessibility standards.
- **Built the frontend for MarketFinance** ([case study](#)), a fintech lending platform, and other consumer-facing products across regulated and high-traffic domains.
- **Architected the Tipico US backend on Sanity Headless CMS:** 5 publishing environments, 3 datasets, white-label architecture. Operating scale: 122 CMS users, 75M requests/month, 98 document types, 165K stored documents.
- **Integrated REST and GraphQL APIs with generated typings** across projects; authored a [comparison of headless GraphQL APIs](#) on the FocusReactive blog.
- **Led technical hiring and team development:** designed an assessment mirroring real working conditions, ran 30 interviews leading to 8 hires, mentored new engineers; introduced error monitoring (Sentry) and code-review practices.

## GitNation

Remote

## Senior Software Engineer (Part-time, concurrent)

May 2019 – Feb 2025

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

## Osome

Singapore

## Frontend Developer

Jun 2018 – May 2019

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

## Skipp

Moscow

## JavaScript Engineer

Nov 2017 – Jun 2018

B2B marketplace for Skolkovo Innovation Center (100 companies); GraphQL subscriptions for real-time chat.

## PORTFOLIO

[PrimeUI](#), [MarketFinance](#), [Firsty](#), [Tipico-Platform](#), [IWM membership](#), [NotSoApp](#), [Caleffy](#), [Hardhat](#), [Porchlight](#), [Gitnation](#), [FocusReactive blog](#), [Reverse Health](#)

## OPEN SOURCE & WRITING

- **Storybook:** contributor and steering team member during the 2016–2017 community revival; addon maintainer (storybook-addon-console, 7M NPM downloads total; storybook-addon-material-ui, 18K weekly).
- **UI components:** [@usulpro/color-picker](#), a Material-style React color-picker component, ~17K weekly downloads six years after release.
- **AI developer tooling:** [codex-bee](#), a wrapper for long-running Codex sessions; [epic-loop](#), a Codex skill addressing context degradation in long autonomous coding sessions.
- **Technical writing:** articles on frontend, Headless CMS, GraphQL, 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