

Serhii Krepets

FRONT-END & DESIGN ENGINEER · DEVOPS

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open to new roles — Front-End, Design Engineer & DevOps / Platform · remote or hybrid · Halifax, Canada

SH-07.0 / SUMMARY

Summary

Product-minded Front-End & Design Engineer with a DevOps/platform edge — 5 years turning ambiguous product ideas into polished, production UI. I own the front end end-to-end: design systems, prototyping, and accessible, high-performance interfaces in Next.js, React, and TypeScript — designing the flows, layouts, and components myself when there's no mockup or the design doesn't match the logic. I ship CMS-driven platforms (Payload CMS, MongoDB) in pnpm + Turborepo monorepos, push Core Web Vitals into the 90s, and run the CI/CD and infrastructure that gets it all to production.

SH-07.1 / STACK

Skills & Stack

Front-End Engineering

React, Next.js, TypeScript, JavaScript, Node.js, HTML, CSS / SCSS, Tailwind, REST APIs, Responsive design

CMS & Platform

Payload CMS, MongoDB, WordPress, Drupal, Content modeling, Layout blocks, Live preview, SEO

AI Workflow & Performance

Cursor, Claude, ChatGPT, Figma MCP, Core Web Vitals, Google PageSpeed, Turborepo build tuning

Design & Product

Design engineering, UI/UX design, Design systems, Prototyping, Figma, Accessibility (a11y), Product taste & polish

DevOps, Cloud & CI/CD

Docker, Kubernetes, GitHub Actions, AWS Amplify, Hetzner Cloud, Nginx, Coolify, Terraform, Linux

SH-07.2 / EXPERIENCE

Experience

Front-End / Design Engineer

2024 — present

Content platform · Next.js + Payload CMS + MongoDB · pnpm + Turborepo monorepo

- Ship CMS-driven UI and platform features — content pages, reviews, layout blocks, FAQ/CTA blocks, search, drafts, live preview, and SEO — in a Next.js + Payload CMS + MongoDB app.
- Work as a design engineer: designed many production UI blocks and layouts myself — from a rough idea or incomplete Figma to polished, responsive, accessible components adopted into production.
- Own components end-to-end and proactively improve UX, responsiveness, and maintainability, cleaning up legacy code to remove unnecessary complexity.
- Raised Core Web Vitals / Google PageSpeed on key pages into the 90s (mobile) through image, bundle, and rendering optimizations.
- Tuned Turborepo caching and the task pipeline to cut incremental build times by ~30%.
- Introduced and scaled practical AI-assisted workflows — trained colleagues on LLMs and Figma MCP — and proposed an internal product idea now being advanced inside the company.

Front-End & Design Developer

2021 — present

Freelance & contract — Next.js, Angular, WordPress, Drupal

- Built multilingual, multi-page websites and interactive web apps from scratch — including Vekmed (vekmed.com) and ArtDigital (artdigital.art) on Next.js, plus WordPress and Drupal platforms.
- Owned UX/UI when clients had no designer or the design didn't match the logic — designed the flows, layouts, and interactions myself and implemented pixel-perfect, responsive, animated interfaces.
- Collaborated with designers, SEO specialists, and content teams; integrated Google and third-party APIs, contact forms, authentication, and payments.
- Configured hosting and push-to-deploy CI/CD (VPS, Nginx, SSL, GitHub Actions) so client sites shipped and stayed live.

DevOps / Platform (Freelance & Personal)

2025 – present

Upwork, Fiverr & personal infrastructure

- Designed CI/CD pipelines (GitHub Actions + webhooks) that deploy on push; provisioned and hardened Hetzner Cloud VPS environments (Nginx, Let's Encrypt, UFW).
- Ran a self-hosted PaaS (Coolify + Docker) and delivered a managed AWS Amplify deployment with branch-based preview environments.
- Building a Kubernetes cluster with a blue/green rollout pipeline for zero-downtime releases and instant rollback.

SH-07.3 / SELECTED WORK

Selected Work

celpiptest.org

in development

AI-assisted CELPIP practice platform I own end-to-end — product positioning, front-end/product design, writing & speaking practice flows, and early SaaS infrastructure (domain, DNS, email).

artdigital.art

Next.js · multilingual

Multilingual Next.js marketing site with custom UI, animations, and automated GitHub-to-server deployments.

k8s-blue-green-platform

2026 – in progress

Kubernetes cluster with a blue/green rollout pipeline for zero-downtime deploys and instant rollback.

vekmed.com

Next.js · multilingual

Multilingual, multi-page Next.js site built from scratch — design input, animations, and CI/CD hosting configured via terminal.

carforyou.co

WordPress · multilingual

Multilingual WordPress site from scratch with custom design work, Google API integration, and email contact forms.

coolify-selfhosted-paas

2025 –

Self-hosted PaaS (Coolify + Docker) on Hetzner Cloud — push-to-deploy convenience on owned infrastructure.

SH-07.4 / EDUCATION

Education & Certifications

Odessa National Medical University

Pediatrics – Master's degree

Figma / UI Design course

Product & interface design

Certifications

Meta Front-End Developer · Web Developer