

Aleksandar Nedelkovski

UX Engineer — Design Systems & Front-End Platform

Chicago, IL | Remote | Email: hello@nedelkovskialeks.com | LinkedIn: [linkedin.com/in/alexnedelkovski](https://www.linkedin.com/in/alexnedelkovski) | Portfolio: nedelkovskialeks.com

SUMMARY

UX Engineer bridging design systems and front-end engineering to ship maintainable, accessible enterprise products. Specializing in building reusable React/TypeScript component platforms, design tokens, and fluid, WCAG-compliant customer experiences. Proven track record collaborating across product, design, and engineering teams to establish design-to-code workflows and optimize platform dependencies.

CORE SKILLS

Front-End: React, TypeScript, JavaScript, HTML5, CSS3, Component Architecture

UX & Accessibility: WCAG AA compliance, semantic markup, focus/keyboard patterns

Design Systems: Reusable components, tokens, theming, design-to-code

Engineering & Tooling: Git, Yarn/NPM, Jest, CI/CD, Vite, Micro Front-Ends

PROFESSIONAL EXPERIENCE

UX Developer, Design Systems — HCSC Operations

Remote / Chicago, IL | 2022 – Present

- Build and maintain reusable React/TypeScript components for HCSC's enterprise healthcare design system, serving multiple product teams across the organization.
- Lead design system integration and engineering support for Blue Access for Members (BAM), HCSC's flagship consumer-facing healthcare portal.
- Drive ongoing engineering support for multi-brand theming and custom token configurations across 17 BAM micro-frontends.
- Led the React ecosystem upgrade and dependency modernization initiative for the shared component library, resolving breaking test failures and coordinating staged consumer releases.
- Collaborate closely with designers and product managers to establish robust design-to-code workflows, reducing implementation ambiguity and accelerating delivery cadence.

Digital Content Manager — Anna G Costumes

Chicago, IL | Dec 2017 – Dec 2018

- Managed website updates, on-page SEO, and performance tuning for a small-business e-commerce presence using WordPress.
- Drove year-over-year organic search traffic growth through targeted search optimization and structured content delivery.

SELECTED PROJECTS

Enterprise Design System Modernization

React, TypeScript, Design Tokens, Accessibility

Built and scaled HCSC's component library. Developed reusable component APIs and established design tokens, aligning output with WCAG AA compliance across multiple consuming product teams.

React Platform Upgrade

React 18, Jest, NPM, Dependency Management

Led the dependency modernization and test suite upgrade for the core UI component package, unblocking downstream teams and eliminating legacy runtime and build warnings.

Personal Homelab Platform

Linux, Docker, Prometheus, Grafana, Pi-hole

Multi-node local infrastructure running DNS ad-blocking, Grafana monitoring, Prometheus observability, and Restic backup automation for hands-on systems engineering practice.

EDUCATION

City Colleges of Chicago — CS Prerequisites & General Education (GPA: 3.36)

2015 – 2021

Goce Delcev University — Computer Design Coursework (Evaluated in U.S.)

2009 – 2012

Coding Dojo — Full-Stack Web Development Certificate

2018 – 2019