

NICHOLAS TILLMAN

Design Engineer | Digital Experience Architect | Design Systems Engineer

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SUMMARY

Design Engineer with 15+ years of experience bridging visual design, UX strategy, design systems, and modern frontend architecture to create scalable digital experiences. Experienced building enterprise web platforms, component libraries, accessible user interfaces, and content-driven applications using Vue, Nuxt, TypeScript, headless CMS architectures, and modern frontend practices.

Proven ability to translate complex business requirements into intuitive, maintainable digital experiences by connecting design strategy with production engineering. Experienced collaborating with product, design, marketing, and engineering teams to establish scalable systems, improve consistency, and deliver high-performing web applications.

CORE EXPERTISE

Digital Experience: UX/UI Design · Design Systems · Component Architecture · Digital Transformation · Design-to-Development Workflows · Responsive Web Experiences · Accessibility (WCAG 2.1 AA)

Frontend Engineering: Vue.js / Nuxt.js · TypeScript / JavaScript (ES6+) · React / Next.js · StencilJS · HTML5 / CSS3 · Component-Driven Development · Performance Optimization · Frontend Architecture

Content Platforms & Architecture: Astro · WordPress · Timber PHP Framework · Sanity Studio · Headless CMS Architecture · GraphQL · REST APIs

Design Tools: Figma · Penpot · Sketch · Adobe Creative Suite

Development & Collaboration: Git · Azure DevOps · Agile Development · ClickUp · Harvest · Timely

PROFESSIONAL EXPERIENCE

UI/Web Developer | Design Engineer | *Kenneth Copeland Ministries* Feb 2024 – Apr 2026

- Modernized 5 core websites to Vue.js single-page applications and Nuxt-based full-stack implementations, improving maintainability and development velocity.
- Upgraded 4 network sites from a decade-old Roots Sage 8 (2015) framework to Sage 11 (2026), closing security vulnerabilities and restoring long-term framework support.
- Architected and developed full-stack digital experiences using Vue, TypeScript, PHP, Node.js, and headless CMS architectures to support scalable content delivery and user engagement.
- Developed custom WordPress themes and headless WordPress implementations using GraphQL and REST APIs to support flexible content distribution across digital platforms.
- Partnered with stakeholders to translate business requirements into intuitive user experiences and scalable technical solutions.
- Implemented modern frontend engineering practices including component-driven development, responsive design, and accessibility-focused development.

Senior Front-End Developer | Design Systems Engineer | *ISN Software Corporation* 2021 – 2023

- Led design and development of ISN's enterprise component library, reducing reliance on third-party UI dependencies across 64 software engineering teams and generating approximately \$50,000 in first-year licensing cost savings while increasing development velocity and developer experience.
- Contributed to Odyssey 2.0 using StencilJS to enable consistent UI integration across React, .NET, and framework-agnostic applications.
- Served as a cross-functional front-end development and UI implementation resource across product teams.
- Collaborated with UX researchers, product designers, and software engineers to improve product usability.
- Collaborated with product managers, designers, and engineers to define design system governance, implementation standards, and shared workflows.
- Mentored engineering teams on accessibility standards, modern CSS practices, frontend architecture, and maintainable UI development.

UI Developer | Digital Experience Engineer | *Texas Christian University* 2016 – 2021

- Contributed to custom WordPress and web applications managing 150+ college and department sites, ensuring each met or exceeded WCAG 2.1 AA accessibility standards before approval for launch.
- Contributed to Web Standards 2.0, TCU Marketing & Communications' initiative to bring the university's online presence under a unified brand strategy.
- Developed and integrated a custom WordPress theme based on the Timber PHP framework for college sites not migrating to OMNI CMS.
- Helped increase TCU brand awareness on and off campus through university websites and applications.
- Conducted accessibility audits and implemented WCAG remediation strategies to improve compliance and usability before production releases.
- Collaborated with communications teams, designers, and stakeholders to deliver scalable web solutions aligned with institutional goals.

Web Developer | Digital Experience Developer | *Amplus Agency* 2014 – 2016

- Led design, development, and maintenance for 22 client websites spanning medical, residential building, and healthcare industries.
- Led technical planning and implementation of client websites and digital experiences from discovery through deployment.
- Developed custom WordPress themes and tailored CMS solutions based on client requirements, content workflows, and business objectives.
- Collaborated directly with clients to translate brand goals and business requirements into effective digital solutions.

Founder | Design Engineer | *PHILOSOFIQ Development Group, LLC* 2010 – Present

- Provide digital experience consulting, UI/UX design, and frontend engineering for clients across non-profit, music, healthcare, land management, and real estate investment industries.
- Design and build design systems and reusable component libraries that establish consistent UI patterns and reduce redesign/rebuild time across client engagements.
- Design and develop high-performance websites, web applications, and digital platforms from concept through implementation.
- Partner with clients to define digital strategies, establish project requirements, and deliver solutions aligned with business goals.
- Bridge the gap between design and engineering by transforming brand systems and UX concepts into production-ready digital experiences.

SELECTED IMPACT

- Architected an enterprise design system that reduced UI licensing costs by approximately \$50K annually.
- Supported and modernized digital platforms serving 150+ websites within a university ecosystem.
- Delivered accessible, scalable frontend solutions using Vue, Nuxt, TypeScript, WordPress, and headless CMS architectures.
- Built reusable design and development systems that improve consistency, speed, and maintainability across digital products.

EDUCATION

Technical Degree, Web Design & Development | *Francis Tuttle Technology Center*

A.A., Graphic Communications and Advertising | *Oklahoma City Community College*