

Kellie Verne, Principal UX Engineer, Product Design Technologist
Design Systems, Front-End Enablement, Design-to-Code
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SUMMARY

Principal-level UX Engineer with 20+ years across product design, front-end engineering, and large-scale enablement. Proven ability to identify systemic inefficiencies, invent durable mechanisms, and raise the quality bar for UI delivery across distributed organizations. Experienced operating in high-ambiguity environments, influencing senior stakeholders, and introducing standards and workflows that scale while balancing customer experience, developer productivity, and long-term maintainability.

EXPERIENCE

Boeing

Senior Lead UX Engineer, Global Design System | 2023 – 2025

Scope: Global enterprise | Shared UI platform | Multiple product orgs

- Principal-level UX Engineering partner on the global design system, supporting product teams consuming shared UI assets across a large, distributed organization.
- Identified recurring failure patterns in design system adoption and introduced mechanisms to reduce inconsistency, rework, and interpretation errors downstream.
- Operationalized design token usage and component semantics by aligning design artifacts, documentation, and engineering expectations, improving predictability for developers.
- Established clear design-to-code contracts that reduced ambiguity and improved implementation accuracy without slowing delivery.
- Led exploration of LLM-assisted workflows using Model Context Protocol (MCP) servers, connecting system documentation to development workflows to reduce translation overhead and improve speed of execution.

Lead UX Engineer, Discipline Founder | 2022 – 2023

Scope: Org-level enablement | High ambiguity | New capability

- Observed repeated breakdowns between design and engineering that negatively impacted delivery speed and UI consistency; dived deep to identify structural root causes rather than surface symptoms.
- Authored a data-backed proposal recommending UX Engineering as a distinct function focused on delivery efficiency, system integrity, and customer experience quality.
- Presented the proposal to senior leadership and secured approval for a one-year pilot, operating with high ownership and minimal precedent.
- Defined the operating model, success metrics, and engagement boundaries for UX Engineering, ensuring the role scaled without becoming a bottleneck.

- Delivered results from the pilot that demonstrated improved handoff clarity and reduced implementation variance, leading to formal establishment of UX Engineering as an organizational discipline and approval to add dedicated UX Engineering headcount.

Jeppesen Sanderson

Lead UX Designer, Front-End Engineer | Aug 2019 – Jul 2022

- Delivered both UX design and production-ready front-end code for enterprise web and mobile applications.
- Worked directly with engineering teams to reason about UI feasibility, constraints, and architecture — not just visual design.
- Exposed inefficiencies in traditional design-to-development workflows through hands-on execution, informing later system-level improvements.
- Earned trust as a hybrid contributor who understood both customer experience and engineering tradeoffs.

Collective Goods

Senior Digital Experience Designer | 2015 – 2018

- Led UX and UI for enterprise digital products with a focus on usability, consistency, and delivery feasibility.
- Collaborated closely with developers to ensure designs translated cleanly into production.
- Delivered responsive, production-ready interfaces using Angular and Bootstrap libraries.

Kellie Greene Design

Founder | 1997 – 2017

- Founded and operated a design and development consultancy for 20 years.
- Delivered 160+ website launches and redesigns for non-profits, mid-market companies, and Fortune 500 clients.
- Built and sustained a 100% referral-based business through consistent delivery quality and long-term client trust.
- Owned end-to-end delivery: discovery, design, front-end development, client communication, budgets, timelines, and vendor coordination.
- Operated with full accountability for customer outcomes and business performance.

CORE STRENGTHS

UX Engineering at Scale

Design Systems Consumption & Governance

Design Tokens & Semantic Constraints

Design-to-Code Workflows

Front-End Architecture Reasoning

Mechanism Design (Standards, Contracts, Guardrails)

LLM-Assisted UI Delivery

Influencing Without Authority

Operating in High Ambiguity