TOM HUYNH

UX ENGINEER

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Full-stack engineer with a design-first mindset, building scalable web applications and frontend systems that improve product quality, consistency, and development velocity across teams.

EXPERIENCE

Spark Energy
Senior Frontend Developer
AUG 2025 – PRESENT
Houston, TX · Full-time

Architected frontend systems for internal tools: component library, design system, and developer workflows that raised consistency and velocity.

Led frontend for an AI call-analysis platform processing **~30,000 calls/month** (playback, transcript sync, commenting, reporting) for fraud detection across business units.

Integrated Linear with GitHub to automate ticket tracking and establish structured development workflows, reducing manual coordination and improving visibility.

Built a greenfield AI-driven image generation platform, establishing code quality guardrails, structured environments, and end-to-end testing for reliable iteration.

Partnered with subject-matter experts to translate ambiguous fraud detection processes into structured product workflows, improving trust in AI-generated insights.

Dropbox DocSend
Web Developer
JUL 2023 – OCT 2024
Houston, TX · Contractor

Led migration of a **30K+ monthly visitor** marketing site from WordPress to Next.js + Contentful (**~40% Lighthouse performance lift**).

Raised conversion **12%** on product launch pages via iterative CTA experiments in Statsig; introduced CircleCI, Cypress, Jest, Storybook, and Chromatic.

DocResponse
UX Engineer
NOV 2021 – JUL 2022
Houston, TX (Remote) · Full-time

Re-architected a legacy PHP monolith with a decoupled Next.js frontend for maintainability and responsive UI.

Built a Figma design system and cut manual QA regression from hours to **~5 minutes** with Cypress E2E.

Optimum Consultancy Services
UX Designer
APR 2018 – SEP 2021
Houston, TX · Contractor

Led UX design and strategy across **10+ cross-industry engagements**: design sprints, stakeholder alignment, and high-fidelity prototypes adopted as MVPs.

Freedom Financial Network
UX Engineer
MAY 2018 – MAR 2020
San Mateo, CA · Contractor

Led front-end for a consumer mortgage application (Angular + Material) enabling HELOC exploration; shipped Karma/Protractor tests and CircleCI across environments.

Sindeo
Lead Front-end Engineer
NOV 2014 – JUN 2017
San Francisco Bay Area · Full-time

Led frontend architecture for a consumer mortgage platform (AngularJS) across a **7-person engineering team**; mentored junior engineers in Agile delivery.

Zodist
Co-Founder
JAN 2014 – DEC 2016
Houston, TX

Co-founded an e-commerce subscription platform serving **6,000+ customers**: product design, frontend, and UX end to end.

Hitachi Consulting
Senior UX Consultant
JAN 2012 – DEC 2013
Houston, TX · Full-time

Led UX and frontend initiatives for enterprise clients, translating complex requirements into product experiences with stakeholders and cross-functional teams.

Neudesic
Consultant
JUN 2010 – DEC 2011
Austin, TX · Full-time

Delivered frontend across client engagements including Microsoft (Silverlight.net, ASP.NET) and a Silverlight real-estate application with rapid prototyping.

PROJECTS

Manufacturing Workflow & Order Management App
Element Plastics Manufacturing
FEB 2022 – JUN 2025

Sole full-stack developer and UX engineer for a custom manufacturing operations platform managing purchase orders, work orders, and real-time machine tracking.

Architected the full system — database schema, APIs, CI/CD, test automation, and file storage — on Next.js, Prisma, Supabase, and Clerk.

EDUCATION

University of Houston
2005 – 2010

BBA in Management Information Systems
GPA: 3.89

SKILLS

Frontend

Angular, Framer Motion, Next.js, React, Tailwind CSS, TypeScript, GSAP

Backend

Clerk, Contentful, Google OAuth, GraphQL, Keycloak, Node.js, Prisma, Sanity, Supabase

Testing

Chromatic, Cypress, Jest, Playwright, Storybook, Vitest

DevOps & Tooling

CI/CD, Infisical, Sentry, Vercel

Design & Prototyping

Figma, Framer, Sketch, UX Research