

DESIGNER / DEVELOPER · EST. 2007



Web Designer, Developer, Freelancer

EMAIL work@spencerflagg.com
PHONE [1.518.207.6939](tel:15182076939)
WEB spencerflagg.com
BASED The Netherlands
LINKEDIN [spencer-flagg-74b47a4](https://www.linkedin.com/company/spencer-flagg-74b47a4)
TELEGRAM [spencerflagg](https://www.t.me/spencerflagg)
SIGNAL [flagg.01](https://signal.me/#f%40flagg.01)

SUMMARY *Full-stack designer/developer with nearly 20 years building production web applications – from .NET line-of-business systems used by FEMA and the Department of Energy, to modern JS-framework apps and design systems shipped for startups and small businesses. Comfortable owning the full stack: UX research and Figma prototyping through to SQL, infrastructure, and self-hosted deployments. Specializing in unique bespoke UIs for your business.*

EXPERIENCE *Freelance Web Developer / Designer* AUG 2017 → PRESENT

Freelance – Remote

Independent design and development for startups, small businesses, and self-hosting / sovereign-computing projects. End-to-end delivery: UX, design systems, frontend, backend, database, and infrastructure.

Start9 Labs – landing page, marketing site, and supporting tooling, GraphicViZion – product websites and blogs, Vol Attire – custom static-site web shop

CTO / Technical Co-founder

JUL 2017 → AUG 2023

FlyLocal – Remote

FlyLocal was an early-stage air-travel startup focused on small planes, small airports, and small airlines across North America. As CTO, I owned the technical roadmap and architecture of the MVP – from initial product/UX through to launch, GDS integration, and partner onboarding.

Tech lead and architect for an MVP designed to grow audience and unlock partnerships with regional airlines, Global Distribution System (GDS) integration, Airtable as a flexible operations backend, Frontend on Nuxt with custom OpenStreetMap-based route exploration, Hands-on across product, engineering, design, and DevOps

Lead Developer & Webmaster

JAN 2021 → PRESENT

The Seasteading Institute – Remote

Volunteer Wordpress support from 2018, then lead developer from 2021. Took over the Wordpress estate, modernised the theme and stack, and ran day-to-day site operations and migrations.

Wordpress maintenance, hardening, and theme refresh, Server migration and deployment, hosting, Custom components

Full Stack Web Developer, Tech Lead, Designer

MAY 2007 → JUL 2017

Chainbridge Technologies – Vienna, VA

Spent a decade building custom line-of-business applications for high-profile US federal clients (including FEMA and the Department of Energy), supporting tens of thousands of monthly users. I worked across the stack as developer, tech lead, and architect, and moved the team from ASP.NET Web Forms through MVC to a JavaScript front end on Vue.

Tech lead and architect on greenfield projects and major rewrites, Federal-scale apps for FEMA and Department of Energy, Backend: C#, ASP.NET, ASP.NET MVC, .NET, Entity Framework, Frontend: Vue.js, Data: SQL Server, T-SQL, DevOps: Azure, CI/CD, design systems

Data Acquisitions Analyst

JUN 2006 → MAY 2007

Battelle Memorial Institute - Aberdeen, MD

Database administrator and Crystal Reports developer across three internal applications, supporting Battelle staff and DoD client personnel. Worked in SQL Server, Crystal Reports, HTML, and Visual Basic.

SKILLS

FRONTEND HTML / CSS, JavaScript / TypeScript, Vue / Nuxt, Svelte / SvelteKit, React, Next.js, Astro, Eleventy

BACKEND Node

DATABASE PostgreSQL

DEVOPS & INFRA Docker, Coolify, Traefik, Caddy

DESIGN & PROTOTYPING Figma, Illustrator

SELECTED
PROJECTS*Picture Telephone*

Anonymous, private, peer-to-peer video calling for two. WebRTC over Trystero - no signalling server, no ads, no Big Tech.

WebRTC, Trystero P2P, Vite, IndexedDB / Dexie, PWA

EDUCATION

Bachelors, Mechanical Engineering; Electronic Media
Rensselaer Polytechnic Institute

2000 → 2004

LANGUAGES

English · Native, **Dutch** · Beginner (A1) - klein beetje

This résumé is also published in [JSON Resume](#) format and can be viewed on [jsonresume.org](#).