

MELISSA COONEY

Chattanooga, TN | melissacooney.dev | github.com/codexvisuals | hello@melissacooney.dev

Full-stack web developer, 3D web designer, and Shopify expert building fast, offline-capable apps and custom e-commerce experiences. Strengths in React/TypeScript, Node.js, Shopify Liquid & JSON templates, metafields/search filters, and Three.js/WebGL. Shipped cross-platform releases (Electron desktop, Android/Capacitor) and optimized storefront UX, performance, and SEO.

SKILLS

- **Frontend:** HTML5, CSS3, React, TypeScript/JavaScript, Next.js, Vue, jQuery, Accessibility (WCAG), SEO.
- **Backend:** Node.js, Express, PHP, REST APIs, MySQL, PostgreSQL.
- **Shopify & E-commerce:** Liquid, Sections/JSON templates, Dawn/Dawn-derived patterns, metafields, Storefront & Admin API, product filters, theme performance, schema & blocks.
- **Apps:** Electron (desktop), Android (Capacitor/Android Studio), Service workers/offline caching.
- **3D & WebGL:** Three.js, React Three Fiber, GLSL basics, 3D asset prep (Rhino), lightweight scene optimization.
- **Tooling:** Git/GitHub, GitHub Releases, Vite/Webpack, CI basics, Figma, Photoshop, Illustrator.

PROFESSIONAL EXPERIENCE

FPW MEDIA – SPRINGFIELD, OR

Web Developer – SEPTEMBER 2022 – JULY 2024

- Developed and maintained custom Shopify storefronts and legacy WordPress websites for B2B clients and local organizations.
- Created bespoke web solutions including interactive touchscreen lobby maps and corporate email-signature generators.
- Clients included Pape, Quadco, Kryptek Outdoor, TNT Cranes, PrairieFire, Aardvark Tactical, BAES Infrastructure, OneH2 Hydrogen Solutions, and JCK Restaurants.

FREELANCE WEB DEVELOPMENT & DESIGN – REMOTE

Web Developer / Designer – MAY 2012 – PRESENT

- Built and shipped [GrainRatio](https://grainratio.com) as a cross-platform app (React + Electron desktop, Android/Capacitor build) with offline caching, unified UI across platforms, and distribution via GitHub Releases.
- Deliver Shopify customizations (Liquid/Sections, metafields, theme settings, PDP tweaks, performance/SEO) and UX polish for small businesses.

- Build reusable UI components and lightweight CI/release workflows; improved Lighthouse scores and Core Web Vitals where applicable.
- Provide graphic design services, including branding, identity, and graphic assets for web and print.

AVIANO RDM LLC – EUGENE, OR

Customer Service Associate / Media Coordinator – JULY 2019 – MAY 2022

- Managed closing duties for two shops in Eugene Airport, ensuring security protocols were followed.
- Provided sales and customer service.
- Curated books and magazines for airport gift shops, showcasing local authors and artisans.

EDUCATION

GEMOLOGICAL INSTITUTE OF AMERICA

AJP – APPLIED JEWELRY PROFESSIONAL

ART INSTITUTE OF ATLANTA

AA – GRAPHIC DESIGN

CLEVELAND STATE COMMUNITY COLLEGE

AS – GENERAL TRANSFER

LEADERSHIP

GIA ALUMNI ASSOCIATION – PORTLAND CHAPTER

VICE-PRESIDENT – JULY 2023 – JANUARY 2025