Kirsten Andersen Morris

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Full Stack Developer

Full-stack developer with experience building mobile-first web applications and a background in instructional design, K12 and higher education, technical writing, and digital accessibility.

Technical Skills

React | Python | Django | Vite | JavaScript | TypeScript | PostgreSQL | Node.js | Express | GraphQL | MySQL | SQL | MongoDB | Figma | Git/Github | Heroku | AWS S3 | Google Cloud Platform | Nginx | PM2

Technical Projects

Synthesis Workshop | October 2023

Organic Chemistry knowledge sharing organization website redesign internship (React, Vite, Typescript, GraphQL, Figma, Git, KeystoneJS, TailwindCSS)

- Working on a team to match the Figma design that provides users with access to episodes, posters, datasets provided by Synthesis Workshop.

daybreakhaunts.org | September 2023

Community fundraising web application (React, Express, Node.js, MongoDB, Nginx, PM2, Certbot, API)

- Validates a fundraiser donation to provide a "Haunts Pass" that allows users to redeem perks at local homes and businesses through October and November.
- Handles internal and external RESTful APIs

gFix | July 2022 - Jan 2023

Internal web application for Gold Family Farms (Python, Django, HTML/CSS, Javascript, AWS S3, Heroku, Git/Github, Figma, Canva)

- Worked with nursery manager to structure the app to replace a paper-based system to manage equipment/system inventories and ticketing for a large plant nursery business
- User generated tickets and system-generated tickets based on preventative maintenance triggers

Experience

Freelance Full-Stack Developer and Technical Writer

Firework Development, LLC (2021 - Present)

- Synthesis Workshop Website Redesign | Oct 2023
- Haunts Pass Web Application | Daybreak Haunts | Fall 2023
- gFix Web Application | Gold Family Farms | Jan 2023
- Website Redesign | Development Now Initiatives | Dec 2022
- User Documentation Website | eGrow Solutions | Summer 2021

University Instructor

University of Utah Asia Campus (2018-2021)

- Designed and delivered an essential onboarding course for 200+ incoming students each semester.
- Presented faculty training workshops on best practices for Learning Management Systems (LMS) and digital accessibility
- Developed and ran Art for Change, a community art gallery and surrounding events; managed student workers, built an event website, provided graphic design work.

Instructional Designer, Accessibility

Texas Tech University(2017-2019)

- Improved course accessibility at TTU by testing, evaluating, and remediating course materials using the WCAG standards, screen readers, and other accessibility tools as a guide
- Managed a small staff of students and a screen reader expert in providing accessibility evaluations, training, and a campus-wide video captioning service
- Built an **award-winning accessibility website** that allowsTTU instructors and staff to learn about and improve the accessibility of course content
- Drafted a campus-wide accessibility initiative which was later adopted by the faculty senate

Education/Certification

TripleTen Software Engineer Bootcamp, 2023

Certified Professional in Accessibility Core Competencies (CPACC) through IAAP

MA Technical Communication, 2020, Texas Tech University

BA Social Studies Teaching, 2008, Brigham Young University