

Meri Leeworthy

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EXPERIENCE

Radical Directory, Co-Founder & Developer — *May 2020 - Present*

- Designed & built landing page in React/Typescript which attracted new users to the community
- Built an authentication flow, dashboard and document editor with auto-save using GraphQL
- Deployed an open source headless CMS on DigitalOcean App Platform, including content modeling with custom types
- Testing and analysis of various open-source backend and app hosting solutions. As part of this, deployed a CMS and Nextcloud instance behind a reverse-proxy using Docker Compose on DigitalOcean, and also installed and heavily customised a forum using Discourse
- Testing and analysis of design token systems for frontend theming
- Created documentation for all major technical decisions and presented my work to non-technical committee for feedback and review

Recurse Center, Participant — *November 2021 - February 2022*

- Worked towards transitioning into professional programming by attending a self-directed educational retreat
- Built a rich-text browser document editor in Typescript for Radical Directory with a focus on accessibility and intuitive UX
 - Experimented with realtime collaboration using CRDTs, created working PoC
- Gave a public presentation on design token systems
- Participated in pair programming and contributed to open-source software

Brimbank City Council, Promotions and Publicity Officer — *June - September 2021*

- Digital media content creation for the Creative Arts unit in a city council, including updating and maintaining marketing site using a headless CMS

Progressive Tech Network, Professional Development Program — *October - December 2020*

- Received mentorship from Sofia Calderon (Thoughtworks) while learning React
- Built a read-only app frontend for Radical Directory in React using the Discourse forum API

Antidote Biomedical, Embedded Systems Intern — *April - June 2020*

- Designed circuit and wrote Arduino code for an IoT nurse-call button for hospitals and clinics.
- Created a breadboard prototype with Feather MCU, MQTT communication to a local server over WiFi and Ethernet working towards a PoE solution

FREELANCE

Twisted Moto, E-commerce Redesign — *April - June 2022*

- Created full UX/UI redesign for all pages of a motorbike apparel Shopify store.

Archie Barry, Artist Portfolio — *May 2022*

- Wrote custom CSS to substantially edit an existing theme on Cargo site builder platform.

University of Melbourne Student Union, Festival Program Site — *June - August 2015*

- Created site for a student arts festival using Wordpress.com with CSS theme customisations
- Worked with an accessibility consultant to pass web accessibility audit

PROJECTS

SQL Dump Recycler

An interactive CLI tool written in JavaScript for extracting data from (particularly large) SQL dumpfiles. Users can select columns from a given table and export CSV, TSV or arbitrarily separated data to separate files per row. This project helped me to learn about streaming and buffers in Node.js

EDUCATION

University of Melbourne, BA in Screen and Cultural Studies, 2017