

Matthew Serre

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Full stack web developer with a passion for solving challenges using the latest web technologies. With experience in Ruby/Rails, JavaScript, and React/Redux and a background in the disability field, I discovered web development through my own desire to create tools for use among my colleagues. I bring strong skills in communication and team-building that help organizations of all types, but especially non-profits, create the tools they need to support their employees in achieving their mission.

TECHNICAL PROJECTS

Top Marks - [GitHub 1](#) | [GitHub 2](#)

A single page app for users to store bookmarks and create, view, and delete bookmarks

- + Provides a backend Ruby on Rails API for sending and retrieving data
- + Generates a dynamic user interface using React on the front end
- + Stores session data on the frontend using Redux and persists data on the backend using SQLite

Case Manager on Rails - [GitHub](#) | [Demo](#)

A web app for case managers to manage caseloads, clients, and client notes

- + Allows users to create, view, update, and delete caseloads, clients, and notes using the interface built in Rails and JavaScript
- + Stores information about users, including emails and passwords, and case management data using Active Record and SQLite
- + Communicates with the backend API to send and retrieve data

Reservation CMS - [GitHub](#) | [Demo](#)

A content management system for creating, viewing, updating, and deleting reservations

- + Allows a user to create an account, sign in, and create, view, update, and delete reservations
- + Leverages Ruby and the Sinatra gem to route the user to the correct views

MTG Event Info - [GitHub](#) | [Demo](#)

A command line interface for viewing upcoming Magic: The Gathering Events

- + Leverages Ruby to load a command line interface for users to interact with and navigate through a number of options for discovering events
- + Scrapes the event website for information about events and display that data in the CLI using the Nokogiri gem

TECHNICAL SKILLS

HTML/CSS, JavaScript, React/Redux, Ruby/Rails, SQL

EMPLOYMENT HISTORY

The Treatment and Learning Centers, Rockville, Maryland

Admissions and Career Development Specialist, *December 2013 - April 2019*

- + Acted as primary contact for individuals with disabilities and their families to learn about employment and skills development services
- + Provided training to fellow colleagues on software and web technologies relevant to their duties and responsibilities
- + Mentored new and existing employees on effective communication with and support of individuals receiving services

Jewish Foundation for Group Homes, Rockville, Maryland

Team Leader, *September 2011 - August 2015*

- + Supervised team of direct support professionals and provided guidance and instruction on daily duties
- + Acted as primary contact for individuals with disabilities and their families to coordinate services and schedules of daily activities

AmeriCorps Project CHANGE, Rockville, Maryland

Volunteer, *September 2011 - August 2013*

- + Volunteered at designated partner site
- + Attended and presented at workshops for fellow volunteers
- + Developed tool for fellow volunteers to use for tracking time spent at their respective sites

EDUCATION

Flatiron School - 2019

- + Online Software Engineering/Full Stack Web Development Program

Mount Aloysius College - Cresson, Pennsylvania - 2011

- + Bachelor's Degree: English