

Kyle Chapman

Contact: kylechapman10@gmail.com ❖ Portfolio: <https://kyle-chapman.me> ❖ GitHub: <https://github.com/KRChapman>

Through sheer will and passion I am building, learning and launching web apps. Furthermore, I hope to someday mentor other developers and strengthen the teams I work on. Also, skilled in back-end languages, responsive design and web frameworks.

Technical Skills: JavaScript/React, Node/Express, HTML/CSS, MongoDB, SQL, C, Python, Testing

Experience working at hackathons and on open source software

Currently delivering features involving the software development cycle on an open source app that crowd sources connections between volunteers, homeless and resources or shelters. brightertomorrow.com

- Analyzed requirements to solve a problem with users posting inappropriate content. Designed and implemented a solution by utilizing React, Meteor and MongoDB to build an admin page capable of searching, editing, deleting users or content and changing user permissions. github.com/focallocal/fl-maps/pull/961
- Incorporated software testing and fixing bugs submitted by users.
- Increased user engagement by improving UI and server side code to allow users control over their posts and utilized React Router to make navigation seamless. github.com/pull/882 github.com/pull/949

Seattle Give Camp Hackathon for Seattle Historical Society at Microsoft Campus.

- Worked on a team to design a walking tour app integrated into their existing Wordpress site.
- Leveraged Mapbox API to create a responsive map showing locations and create pop-up information based on latitude/longitude coordinates.

PROJECTS

Portfolio: Interactive and customizable single page React app to demonstrate React skills. <https://kyle-chapman.me>

- Created reusable components with React including a custom responsive animated menu.
- Used styled-components package to make dynamic CSS and UI changes more straight forward by working with React props and passing them to styled-components.

Voting App: A full stack app where visitors can create polls, vote, share and chart the results. voting.herokuapp.com

- Implemented Node server side and created an API implementing full CRUD utilizing MongoDB.
- Integrated Mongoose for ODM to utilize automatic validation and structure the data model around the relationship between users and poll data.

Conway's Game of Life: React app to display algorithm. krchapman.github.io/GameOfLife

- Initial problem of slow render. Optimized by implementing Pure Components and utilizing life-cycle hooks to control re-rendering in React and increase speed.

WORK HISTORY

Teacher for Marysville, WA School District 2010–present

- Developed and/or implemented lessons on Subjects: Math, Science, Social Studies, and connected with students to greatly reduced bad behavior.

EDUCATION

- Bachelor's Degree in Education 2009
Eastern Washington University