

SKILLS

· Software: Ruby, Ruby on Rails, Javascript, HTML, CSS, SQL, noSQL, React, git, AWS Amplify, React Native, Material-UI, Bootstrap, TailwindCSS, Heroku, Netlify, Object-Oriented Programming, algorithms, data structures, Agile

TECHNICAL PROJECTS

Potential - [Frontend](#) - [Backend](#) - [Demo](#)

- A full stack (Ruby on Rails and ReactJS) app designed to educate the user on human anatomical systems.
- Successful RESTful API application from React frontend to Rails API backend.
- Incorporated Material-UI to create gorgeous anatomical iframe animated cards from an third-party API seeded in the backend.
- Utilized React hooks and React-Redux hooks to organize and make local and global state accessible throughout the entire app.

StudyBuddy.tech - [GitHub](#) - [Demo](#) *Won one of three awards out of 86 submissions and 278 participants.

- A MERN app where students meet and study through an online chat and planning forum for specific subjects/courses.
- Implemented Material-UI to make responsive pages for the user ensuring minimal dimension issues.
- Deployed our Node.js/Express/MongoDB backend to Heroku to become serverless.
- Utilized React Hooks to make global state.
- Ensured error handling, JSON web token and user authentication logic were successful with user experience in mind.

COVID SafeGuard - [GitHub](#) - [Demo](#) *Won two awards from a field of 575 participants.

- COVID-19 vaccine locator and educational/news full stack React/Java application.
- Utilized firebase user authentication to allow the user to log in with their google account to store the JSON access token into active storage.
- Deployed COVID SafeGuard to Amazon Web Services (AWS) to host the backend built with Java.
- Created a React Native frontend so users can use COVID SafeGuard on their mobile device (iOS and Android).
- Consolidated multiple API's to design real time interactive features for the user's location, used permissions to locate the user on google maps to find vaccine locations and observe which vaccine is in stock.

Digi-Clusive Meetings - [GitHub](#) - [Demo](#) *Won an award from a field of 700 participants.

- Disability inclusion accessibility full stack React/Python application.
- Designed a React frontend using Bootstrap, Canva and Figma and hosted the app to Heroku.
- Initiated use of Agile/Kanban board to manage a team of four people throughout the duration of the project.
- Mentored/taught juniors/inexperienced developers app hierarchy/component organization (React), version control, package installation, SDLC, CSS/HTML, console/development testing, technical stakeholder presentations, react animation libraries, etc.
- Created a python backend w/ a Google API to incorporate user email/permissions.

WORK EXPERIENCE

Writing Consultant	Colorado State University	08/2017-12/2019
<ul style="list-style-type: none">· Surveyed emotional/behavioral patterns of clientele in turbulent consultations and taught Writing Center vendors to de-escalate emotional/behavioral patterns. Educated students, graduate students, professors and professionals to develop a writing style that resonates with their stakeholders. Additionally, taught ESL (English as a Second Language) students on higher-ordered rhetorical components: expository writing styles, grammar, advanced argumentative/persuasive approaches, and narrative and descriptive writing styles.		

VOLUNTEER EXPERIENCE

Hackathon Mentor	Code 4 Community	07/2021 - present
<ul style="list-style-type: none">· Hosted a workshop for 30-50 participants on persuasive rhetoric techniques for stakeholder presentations in a technical setting.		
Mentor/Grader	Code The Dream	06/2021 - 06/2021
<ul style="list-style-type: none">· Lead two groups of 4 students through their senior portfolio design through Ruby, Ruby on Rails, React, hosting, CSS, HTML, framework/library integration, etc. on a biweekly class meeting schedule.		

EDUCATION

Seattle, WA	Flatiron School	11/2020 - 03/2021
<ul style="list-style-type: none">· Certificate: Full Stack Web Development, Ruby on Rails and JavaScript program		
Fort Collins, CO	Colorado State University	08/2015 - 12/2019
<ul style="list-style-type: none">· Major: Bachelors of Science (BS), Neuroscience· Thesis: Neural prosthetic development to enhance sensory vibrational reception and human perception.		