

Chris Clark, Software Engineer

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[GITHUB](#)

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Technical Toolkit

Front-end: React, Redux, JavaScript, Git, Github, HTML5, CSS3, PUG, Jinja

Back-end: SQL, Python, Express, PostgreSQL, Node.js, Sequelize, Flask, SQLAlchemy, Docker, AWS S3, BCrypt

Experience

Next Round's on Me *Social platform to purchase drinks for friends remotely*

[live](#) | [github](#)

React, Redux, PostgreSQL, Express, JavaScript

- Implemented image uploads using **AWS S3**, reducing server load and enabling scalability.
- Employed targeted efficient **Sequelize** queries to minimize both data exposure in state and API calls for a responsive UX.
- Incorporated CRUD functionality for comments, user follows, menus and more for a highly individualized user experience.

Codezvous *Meetup clone for programmers*

[live](#) | [github](#)

React, Redux, Flask, SQLAlchemy, HTML, CSS, Python, JavaScript

- Employed **Redux** state, context, local State, and props to efficiently manage data flow through components.
- Implemented a variety of **CSS3** stylings to reuse a single component as several visually unique elements streamlining code.
- Developed automated seed generators using **Python Faker** and **Random** to provide robust and realistic seeder files.

Bike Around *AirBnB clone for renting bicycles*

[live](#) | [github](#)

React, Redux, PostgreSQL, Express, HTML, CSS, Sequelize, JavaScript

- Designed a custom filter to search across multiple criteria employing **Redux** to dynamically render relevant bookings.
- Abstracted query functionalities to provide readable code in routes and minimize conflict during future refactoring.
- Implemented token-based authentication and **BCrypt** password hashing to provide a secure user experience.

What to Watch *Goodreads clone focused on movies*

[live](#) | [github](#)

PostgreSQL, Express, HTML, CSS, Sequelize, JavaScript, PUG

- Integrated API helper functions to fetch movie data from an external resource streamlining database seeding.
- Built RESTful APIs in a team setting employing Agile development methodologies and Git versioning for efficiency.

Executive Director

06/2018 -04/2021

Wordpress, WooCommerce integration, CRM Integration, Project Management, Program Design

[live](#)

Second Chance Bikes, Charleston, SC

Director of Administration

06/2016 - 03/2018

Wordpress, CRM database management, Microsoft Azure, Project Management

Turtle Survival Alliance, Charleston, SC

Policy Fellow, Campaign Manager (part-time)

01/2016 - 02/2020

Palmetto Cycling Coalition, Charleston, SC

R Language, Data Analysis, CSV parsing, Statistical Reporting, Project Management

- Performed statistical analysis on a dataset of 12k records in R (language) establishing the basis for a report which resulted in a South Carolina Department of Transportation Complete Streets statewide policy.

General Manager

01/2015 -12/2015

Wordpress, CRM Integration, Project Management

Steinway Piano Gallery of Charleston, Charleston, SC

Program Manager

10/2011- 05/2014

Collaboration, Project Management

New Orleans Kids Partnership, New Orleans, LA

EDUCATION

Full Stack Software Engineering - App Academy

2021

Master of Public Administration - University of New Orleans

2012

Bachelor of Music Education - Mississippi State University

2001