

# Kimberly Love

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[Linkedin](#) | [Github](#) | Blog: [Medium](#) | [Portfolio Website](#)

## FULL-STACK APPLICATION DEVELOPER

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A dedicated and innovative software engineer with experience in frontend, backend and full stack development. With a background in physical therapy and youth athletic development, I bring a unique perspective to any undertaking. My passion for leveraging technology to enhance different aspects of life drives my commitment to continual education to be able to create innovative software solutions.

## TECHNICAL SKILLS

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Python, Flask, SQL, SQLite, Flask-SQLAlchemy, JavaScript, React, HTML, CSS, OOP, ORM, RESTful APIs, Git, GitHub

## TECHNICAL PROJECTS

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### GoodSport - [Github](#) | [Demo](#)

*A sports team schedule management app that will allow users/players to be added to a team, and view all events associated with their team, while coaches can add, update and delete events for their teams.*

- Implemented CRUD functionality, enabling account creation, event management, and efficient data manipulation
- Established key relationships among Teams, Coaches, Players, and Events through designing a relational database structure with Flask-SQLAlchemy and SQLite
- Incorporated secure password hashing using bcrypt, enhancing data protection by encrypting user passwords
- Enforced data validation rules for player and user information during creation and updates, ensuring data integrity
- Integrated RESTFUL API routes with Flask and Python for streamlined frontend-backend communication
- Developed an auto-login route if user doesn't deliberately logout using the Session object in Python
- Incorporated client-side routing with React Router to emulate a Multi-Page Application (MPA) experience within a Single-Page Application (SPA)

### FitConnect - [Github](#) | [Demo](#)

*FitConnect seamlessly blends fitness logging with a social media twist, where users can share workout insights, post reflections on stored routines, and create new shareable workouts for others to engage with and provide feedback on.*

- Integrated form validations for Login and Signup forms, utilizing React state management for real-time UI error messages based on user input
- Developed backend user-centric Posts functionality, enabling creation, editing, and deletion of workout-related posts
- Implemented an efficient filter feature in the Posts section, enhancing content exploration for users

### FlatStop - [Github](#) | [Demo](#)

*A virtual game store that offers an immersive shopping experience where users can explore, curate and buy their favorite games and sell games with a bit of price negotiation, all through simple commands.*

- Developed a Python-based Command Line Interface (CLI) application, creating an immersive virtual game store
- Enhanced interactivity by incorporating a dynamic bargaining feature for game sales
- Added a login and account creation feature, ensuring a more secure and personalized experience
- Leveraged Python's SQL capabilities to seamlessly map Python classes to a SQLite database to perform CRUD
- Introduced a shopping cart feature, allowing users to conveniently acquire multiple games in a single-transaction
- Implemented fine-tuned search functionality as a way to filter games based on criteria such as game rating and title

## PROFESSIONAL EXPERIENCE

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### OrthoVirginia, Physical Therapy Technician - McLean, VA

April 2018 - July 2023

- Assisted the Physical Therapists during patient treatment by providing joint distractions and guided joint mobilizations
- Worked hands-on with patients through therapeutic exercises
- Managed a 6-person team of technicians and oversaw scheduling, training and daily office operations for the techs

### DC Soccer Club, Travel Coach - Washington, DC

August 2017 - June 2023

- Coached, educated and trained the skills, techniques, and rules of the game and managed all team operations
- Developed and implemented practice plans that are both instructive and stimulating to promote player development
- Evaluated and assessed player performance to provide individualized reports for player growth and development

## EDUCATION

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### **Flatiron School**

July 2023 - November 2023

Full Stack Web Development | Backend: Python and Flask | Frontend: JavaScript and React

### **Purdue University, West Lafayette, IN**

August 2012 - May 2016

- Bachelor of Science | Major: Human and Health Sciences