

Kimberly Love

Washington, D.C. | 513-939-6511 | kimberlymlove15@gmail.com

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

FULL-STACK APPLICATION DEVELOPER

A dedicated and innovative software engineer with a background in physical therapy and youth athletic development with experience in building full-stack applications using Python, Flask, JavaScript, React, SQL databases, and RESTful API architecture. My passion for leveraging technology to enhance different aspects of life drives my commitment to continual education to be able to create innovative solutions. I am eager to contribute my skills and enthusiasm to a dynamic team where I aim to embrace the challenges and push the boundaries of software development and innovation.

TECHNICAL SKILLS

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

TECHNICAL PROJECTS

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

GoodSport is a sports team schedule management app that will allow users to be added to a team, and view all events that are associated with their team. Coaches can add, update and delete events for their teams.

- Developed GoodSport using JavaScript, React, Python, Flask, Flask-SQLAlchemy, SQLite, AntD, and integrated Cloudinary API
- Implemented complete CRUD functionality, enabling user account creation, event management, and efficient data manipulation
- Designed and implemented a relational database structure using Flask-SQLAlchemy, establishing key relationships among Teams, Coaches, Players, and Events
- Implemented secure password hashing for user authentication using bcrypt, enhancing data protection by encrypting and safeguarding user passwords in the application
- Enforced data validation rules for player and user information during creation and updates, ensuring data integrity
- Implemented RESTFUL API routes for streamlined frontend-backend communication
- Used session and RESTful API architecture to develop an auto-login route if user doesn't deliberately logout
- Implemented 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, allowing users to share workout insights and post reflections on stored routines, and create new shareable workouts for others to engage with and provide feedback on.

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

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

A virtual game store that offers an immersive shopping experience where you can explore, curate and buy your 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
- Strengthened user authentication with the addition of 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, allowing users to filter games based on criteria such as game rating and title.

PROFESSIONAL EXPERIENCE

OrthoVirginia

McLean, VA

Physical Therapy Technician

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

Washington, DC

Travel Coach

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

Flatiron School

July 2023 - November 2023

Full Stack Web Development- Backend: Python with Flask, Frontend: JavaScript and React

Purdue University

West Lafayette, IN

August 2012 - May 2016

- Bachelor of Science | GPA: 3.57 | Major: Human and Health Sciences
- Related Coursework: Transforming Ideas to Innovation I & II, Statistics, Physics, Analytic Geometry & Calc I & II, Multivariate Calculus