Ryan Webster

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SKILLS React, Redux, JavaScript, HTML5, CSS3, Express.js, Node.js, Pug, Docker, SQL, PostgreSQL, Git, Python, Flask, Heroku, Docker, AWS, Back End, Front End, Full Stack

PROJECTS

Fandemonium (Python, Flask, ReactJS, Redux, SQL, CSS, Hooks, SqlAlchemy ORM, AWS, Docker, GoogleMaps API, HTML) Live Site | Github *Fandemonium is an app where baseball fans can log their fan experience* ● Leveraged React Twitter component, providing the user with up to the minute information about their favorite team, and creating a unique homepage design

- ● Incorporated React Hooks to create modular components used throughout the dynamic app, and Redux architecture's unidirectional data flow with React for predictable and sustainable state.
- ● Created sophisticated table relationships with users, stadiums, photos, and badges utilizing Python's class and static method features to build connections and reduce over fetching to the Flask API

TripKeeper (React/Redux, Hooks, Python, Flask, SqlAlchemy ORM, Heroku, Docker, PostgreSQL) Live Site | Github *An app for chronicling road trips*

- ● Implemented GoogleMaps API with custom search functionality to dynamically allow users to mark and display locations they had visited, and where they had made journal entries
- ● Instituted AWS S3 for scalability, allowing users to seamlessly upload and access large numbers of photos, providing an enjoyable UI/UX experience
- ● Designed an adaptable layout using CSS grids and media queries, ensuring the app is dynamic and responsive on any device

ForgetMeNotes (JavaScript, Express, Sequelize ORM, SQL, Pug Templates, Heroku, HTML, CSS) Live Site | Github *A clone of RememberTheMilk, to keep track of your todo list*

- ● Ensured user privacy and security by utilizing BCRYPT Hashing Function on the backend, and Auth Routes on the frontend to prevent storage of plain text passwords and restrict access to user specific site features ● Constructed RESTful APIs making access to tasks and tags more efficient and readily available to display on user lists ● Collaborated on a team of four software engineers, using git workflow to maximize teamwork, seamlessly coordinate and delegate programming tasks, and for contributing to project documentation

EXPERIENCE

App Academy

Cohort Instructional Lead, 12/2021-Present

● Manage a cohort of students (up to 100 at a time) and lead them through the entire 24 week course ● Answer students' technical and conceptual questions using active learning techniques to deepen understanding ● Conduct Q&A sessions for students highlighting the skills and techniques they need to understand for success in and after the course

● Plan and deliver lectures on curriculum material included in each learning module – Node, JavaScript, React, Redux, CSS, HTML, Express, AJAX, Python, Flask, SQLAlchemy, PostgreSQL, DS&A, OOP, TDD, Docker, Git **Online Instructional Assistant,** 7/2021 - 12/2021

● Provided in-depth lectures on topics such as data flow, React, Heroku, Data Structures & Algorithms, and OOP ● Advised 10-15 students per cohort through final projects, providing code review, design feedback, and debugging assistance

● Assist module instructor in planning, implementing, and delivering student-facing materials and lectures

Homefix Custom Remodeling

Sales Executive, 10/2018 - 3/2020

- *● Sold exterior home products, exceeding $500k in sales in 2019 (top 10% in company) & closed largest residential deal in company's 29 year history ($148k), while receiving "Rep of the Month" in January & May of 2019 for highest net sales in the MD/Northern VA region*
- *● Developed and maintained relationships with customers, including utilizing problem solving skills to tailor renovation*

plans to financial goals, and overseeing successful completion of projects as the primary point of contact for both the customer and construction team to ensure an enjoyable customer experience

East Coast Baseball Club LLC
Founder, CEO, and President, *11/2012 - 10/2018*
● *Grew company from 2 to 10 teams over 6 years, with 125 players aged 10-16, producing over $850k of annual revenue through tireless business development and utilization of new technical advancements*
● *Oversaw end to end business process, from client acquisition, marketing, and financial responsibilities, to hiring and mentoring of staff, building the company out to a personal vision*
● *Won 13 regional tournaments and 1 National Tournament at ESPN Wide World of Sports, and currently have 15 former players competing at the college level and 1 in MLB's minor league system*
● *Designed a sustainable business plan and successfully sold company in 2018*

Clemente's Baseball & Softball Academy
Director of Operations, *9/2013 - 7/2018*
● *Managed a staff of six trainers that lead individual and group baseball and softball lessons* ● *Proposed and oversaw renovation project to optimize interior layout, increasing the usable space by over 15%* ● *Prospected local travel teams and rec departments via cold call and online advertising, growing clientele by 20%, then subsequently increased revenue by an additional 5% by introducing membership based pricing rather than pay per session*

EDUCATION
App Academy - A competitive (~3% acceptance rate), immersive 1000+ hour programming course with focus on full-stack web development (2020-2021)
Williams College, Williamstown, MA - *BA: Economics* (2011), 4 year varsity catcher & NESCAC Conference Champion