Eric Sapsford
SOFTWARE DEVELOPER

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SKILLS
LANGUAGES: Javascript, Python, HTML5, CSS3, SQL
FRAMEWORKS & LIBRARIES: Flask, Express, Redux, React
OTHER TOOLS & TECHNOLOGIES: React Beautiful dnd, AWS S3

PROJECTS

VancouverEats   *Flask, React / Redux, PosgreSQL, JavaScript, Python, HTML5, CSS3*   live | github
UberEats clone centered around fictional restaurants in Vancouver

- Using global context, implemented a cart feature capable of user interactions during any point in the shopping experience, ensuring consistent engagement and frustration-free navigation
- Created custom with free image software, collaborative wireframes to consolidate UI/UX vision and streamline later CSS workflow.
- Connected an AWS S3 bucket to a Flask backend in order to ensure stable and consistent image storage to reliably render user assets.
- Combined custom Flask API routes with adaptive redux store shape to allow users to filter restaurants by cuisine while maintaining low memory requirements, increasing functionality and decreasing response time.
- Oversaw a standardized Git branch and management flow, eliminating the risk of duplicate or lost productivity.

DueTo   *Flask, React / Redux, PosgreSQL, JavaScript, Python, HTML5, CSS3*   live | github
Task and project management site based off of Todoist

- Designed inline forms through react useState hooks to conditionally render intuitive forms for the update and creation of projects, tasks, and sections.
- Operated a dynamic PostgreSQL Production backend alongside a SQLite3 development backend through version controlled environmental variables, allowing for a smooth development process without sacrificing production deployability.
- Utilized Scalable Vector Graphics, created or edited with Adobe Illustrator, to simplify button labels, decreasing page clutter to further strengthen readability.
- Applied Drag and Drop functionality to multiple React components using React Beautiful Drag and Drop library, allowing users to rearrange and customize page elements to their liking.
- Optimized backend API routes with regular expressions, guaranteeing $O(n)$ time and space complexity for all requests regardless of data complexity, decreasing backend response time.
- Implemented a custom user authentication using backend BCrypt Hashing function and frontend React Auth routes to prevent the storage of plain text passwords.

EXPERIENCE

Beverage Director

The Catering Outfit   Feb 2022 - Feb 2023

- Restructured product acquisition and organization to decrease overall department costs by 12% while maintaining consistent deliverables.
- Developed cheap and easily reproducible alternative recipes to simplify event workflow.
- Oversaw multiple events, coordinating teams ranging from 5 - 40 members between multiple locations.

Tasting Associate

Mount Ida Tasting Room & Taphouse   Oct 2018 - Oct 2021

- Spearheaded transition into developing technologies to remove inefficient redundancies and promote modern industry standards, increasing customer throughput on average by 35%.
- Streamlined cooperation between multiple locations to decrease managerial workload.

EDUCATION

App Academy - Rigorous software development course with focus on full stack web development (April 2023)