Andrew Bui
Software Engineer

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CAREER OBJECTIVE

Recent software engineering boot camp graduate who has worked to develop several full-stack web applications to both implement and demonstrate my ability with web development technologies and tools. As a former professional in the medical field, I have prior experience in customer service, analytical problem-solving, and collaborative workflows. I take initiative in terms of refining processes and asking questions and am eager to contribute my work and skills to an innovative workplace.

SKILLS

Languages - Javascript/TypeScript, Python, HTML, CSS, SQL
Frameworks/Tools - React, Redux, Node, Flask, PostgreSQL, jQuery, Git, Heroku, Docker

PROJECTS

Trellow (React, Redux, Javascript, Node, HTML5, CSS3, Flask, PostgreSQL, SQLAlchemy, Python, Git)   **Live Site** |**Github**
A fullstack single-page Trello clone where users can create project boards, lists, and cards.
- Designed a redux store that reduced the number of required fetch calls by 66% decreasing website load time.
- Designed and implemented a feature that maintains fixed sizes for lists and cards, ensuring a uniform and uncluttered appearance
- Developed a responsive and intuitive UI through the implementation of AJAX calls and DOM manipulation.

Flickor (React, Redux, ES6, Node, HTML5, CSS3, Express.js, PostgreSQL, Sequelize, Git)   **Live Site** | **Github**
A fullstack single-page Flickr clone where users can add photos and view and favorite other users' photos
- Created a custom slideshow gallery using React, HTML, and CSS to enable users to easily navigate between their photos.
- Incorporated a dynamically changing background to showcase multiple high-resolution example photos and add to the look and feel of the login/landing page for a more realistic user interface (UI).
- Protected user information and privacy through both frontend and backend user authentication.

Finstagram (React.js, Redux.js, Node.js, HTML5, CSS3, Flask.py, PostgreSQL, SQLAlchemy, Python, Git)   **Live Site** | **Github**
A fullstack single-page Instagram clone where users can add, view, like, and comment on their own photos or on their followers' photos
- Implemented modal components using React refs to focus user attention on the displayed information for intuitive UI.
- Created a transitioning effect on a set of splash images by overlaying two different HTML tags for a robust UX.
- Collaborated with 3 other developers using scrum methodologies and git for version control to meet lightning-fast, 9-day turnaround deadline while ensuring fully functional, bug-free MVPs.

WORK EXPERIENCE

Lasik Eye Center, *Medical Assistant* Buena Park, CA   August 2021 - November 2021
- Conducted all processing and pre-screening of 30-40 patients a day to facilitate the patient workflow, decrease overall patient wait time, and optimize the time spent in the room with the doctor.
- Collected essential patient information and relevant measurements using 5 different medical devices and machinery, having been trained in their use and maintenance to procure accurate data for doctor's review.

Unitrans, *Bus Driver*   Davis, CA   June 2019 - June 2020
- Adhered to standard protocol and procedures to ensure the safety and comfort of up to 100 passengers on a given route.
- Communicated with other drivers and dispatch via radio to allow for the most up-to-date bus schedule, balancing driving and radio communications to meet on-time arrivals 98% of the time.

EDUCATION

App Academy   San Francisco, CA   December 2021 - June 2022
- 24-week, 1000+ hour immersive software engineering boot camp prioritizing web development fundamentals.

University of California, Davis   September 2017 - June 2021
- Bachelor of Science - *Neurobiology, Physiology, and Behavior*