MAI VAN WAGNER

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SKILLS
JavaScript , Redux / React / Hooks , Python , CSS3 , HTML5 , Node.js , Express , Docker , Flask , SQLAlchemy , *PostgreSQL* , Ant Design , Bootstrap, Storybook , *Material-UI*

PROJECTS

LaMode *(React, Redux, Hooks, Material-UI, Node.js, PostgreSQL)*

A full-stack ecommerce application allowing fashion lovers to do online shopping   **Live** | **Github**
- Implemented Material UI to polish all components across the application and to create a fully responsive design.
- Leveraged Redux as a state management tool storing all clothing products to provide a seamless user experience.

VoteApp *(Paypal REST API, React, Redux, Hooks, Node.js, Express, Bootstrap)*

Running for office application that helps candidates by automating the required paperwork   **Live** | **Github**
- Ensured user privacy and autonomy through AuthO and React Router. Allowed users access to automated form creation functionality by leveraging the PayPal Payments API.

Paws and Claws *(JavaScript, React, Redux, Bootstrap, Express, NodeJS, PostgreSQL)*

***Full-stack application connects dog shelters to possible adopters*.**   **Live** | **Github**
- Integrated Bootstrap framework to design an interactive and intuitive UI, providing a smoother user experience.
- Configured NodeJS backend with PostgreSQL, using the Sequelize ORM for authentication, form validation, and database queries on adopters, adoptees, and pets tables.
- Constructed a quicksort algorithm to match a user with potential dogs based on user criterias such as the age, weight, sex, breed of pets.

BiBlur *(HTML5, CSS3, React, Redux, Hooks, Node.js, Express, Ant Design, SASS)*

A bogging app modelled after Tumblr that allows users to update and create their own blog   **Live** | **Github**
- Produced the post UI by giving users 3 options to upload a file to enhance usability and user retention.

Flashnerd *(Python, Flask, SQLAlchemy, HTML5, CSS3, React, Redux, Hooks, Material-UI)*

An application inspired by Brainscape designed for creating virtual flashcards to aid in studying   **Live** | **Github**
- Engineered Python Flask API using SQLALchemy to serve data to the frontend web application.
- Boosted user privacy and autonomy by combining JWT and BCrypt for password hashing, giving users permission to only access and make changes to their own decks and cards when logged in.

EXPERIENCE

Frontend Developer Intern - *KyFlex*   November 2020 - Now
- Utilized HTML, SASS, Storybook, and React to generate stunning UIs organized and efficient for the booking and hosting experiences web and mobile platform.

English Teacher , Manager - *Golden Key Language School*   June 2013 - Dec 2019
- Initiated a variety of new programs which aimed at attracting more 5% customers every quarter by sustaining sales and trials marketing techniques.
- Administered and coordinated with the teachers team (both Vietnamese and foreign teachers) and the TA team to gain the work that was completed effectively in a timely manner.
- Conducted parent teacher conferences to review students behavior and overall student performance.
- Implemented continuous improvement practices to enhance the quality of teaching and service provided to the customers, which raised the school's desirability in the area.
- Accelerated student comprehension by formalizing teaching methods such as sing alongs, gamification, and reward based systems.

Teaching Assistant - *BBF School*   July 2017 - Feb 2018
- Supervised 40 students outside of the classroom during lunch break, and on field trips to ensure proper safety procedures are followed.
- Reduced the time needed by 50% for making lesson plans by supporting teachers to configure equipment and organize necessary materials.

EDUCATION

AppAcademy - Rigorous 1000-hour software development course with <3% acceptance rate.   Jan 2020 - July 2020
Hanoi University - *Bachelor in English*   Sep 2014 - Jun 2018
Hanoi University - *Bachelor in Italian*   Oct 2012 - May 2016