HAYDEN GALYEAN

FULL STACK SOFTWARE ENGINEER | TECHNICAL ARTIST

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TECHNICAL SKILLS

Frontend: Vue.js, Vuex, React.js, Redux, React Native, JavaScript, TypeScript, HTML, CSS

Backend: Python, Node.js/Express, Sequelize, SQLAlchemy, Flask, FlaskForms, RESTful APIs

Design & Tools: Framer Motion(for animations), Material UI, Responsive Design, Wireframes

Testing: TDD, Mocha, Postman, Cypress

Office 365: Sharepoint, PowerAutomate, PowerApps

Other: Github, Scrum, Kanban, CRUD

Frontend Web Developer   **Jul 2018 – Present**

Freelance, Remote

- Engineered a responsive navigation bar and footer for [Iray mn](#), an auction site, using React and React Hooks to dynamically manage state, resulting in a 30% improvement in navigation efficiency and 20% faster re-render times. This optimization led to a 10% increase in user retention and improved overall site usability across devices.
- Designed and developed the UI for a colored night vision application for *[NETR00T Cyber](#)*, utilizing raw HTML and custom CSS, which reduced page load time by 20% and improved cross-device compatibility. Implemented media queries to ensure 100% responsiveness across all screen sizes, resulting in a 15% increase in user satisfaction based on internal testing.

PROJECTS

IndyMamaDeals - *Vue, Vuex CSS, Flask, FlaskForm, SQLAlchemy*   **Live** | **GitHub Repo**

- **Product Integration with Amazon PAAPI 5**: Leveraged Amazon's Product Advertising API (PAAPI 5) to fetch product details dynamically based on ASINs (Amazon Standard Identification Numbers), streamlining affiliate marketing workflows.
- **Custom Dynamic UI with Vue.js**: Designed and developed an interactive and responsive interface using Vue.js, featuring components like a custom post listing grid for seamless user experiences.
- **Global State Management with Vuex**: Utilized Vuex to manage application state, including posts, pagination, and user authentication, ensuring consistent data flow across components.
- **Backend API Development with Flask**: Built robust RESTful API endpoints to handle product listings, date filters, and authentication workflows, using Flask and SQLAlchemy for database interactions.

8Bit-Gaming - *React, CSS, Framer-Motion, Flask, FlaskForm, SQLAlchemy*   **Live** | **GitHub Repo**

- **Custom Product Listings & UI:** Built a dynamic product listing system using Redux's *useSelector* to access the global state and retrieve the current list of products, and *useDispatch* to trigger actions that create, update, or delete product listings in real-time.
- **Smooth Animations with Framer Motion:** Implemented dynamic UI animations using *variants* to control initial, hover, and clicked states for category buttons and product listings .Integrated *whileInView* to trigger animations on scroll, and *whileHover* for interactive hover effects, enhancing user engagement and platform aesthetics.
- **Backend Development with Flask:** Built and managed RESTful API routes using Flask's *@app.route()* decorator to handle requests for creating, reading, updating, and deleting product listings and reviews.
- **Form Handling with FlaskForms:** Utilized FlaskForms to create and validate forms for user input, such as product listings and reviews by employing built-in validators like *DataRequired* and *Length* to ensure data integrity, while using *form.validate_on_submit()* to handle form submissions securely and efficiently, preventing invalid or malicious data from entering the system.

Dash Dine - *React, CSS, Flask, FlaskForm, SQLAlchemy*   **Live** | **GitHub Repo**

- **Menu Item Creation:** Designed a dynamic form for creating new menu items using React's useState to manage form inputs in real time, enabling seamless validation and submission of item data.

- **Responsive UI Design:** Built a fully responsive interface using React and CSS by applying *media queries* to adjust layouts, fonts, and components for different screen sizes while using flexbox and grid to align components to align the center of the screen.
- **Built RESTful API routes** in Flask to manage user authentication, menu items, and order processing. Utilized *@app.route* decorators to handle login, registration, and menu management, while integrating Flask's session management for secure user sessions.

EDUCATION

App Academy Full Stack Web Development   Completed Sept 2024

Udemy Course for PowerApps, PowerAutomate, Sharepoint   Current Dec 2024