

HAYDEN GALYEAN

FULL STACK SOFTWARE ENGINEER | TECHNICAL ARTIST

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TECHNICAL SKILLS

Frontend: 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

Other: Git,, Object Oriented Programming, DevOps, Scrum, Kanban

WORK EXPERIENCE

Frontend 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 [NETROOT 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.
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PROJECTS

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.
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EDUCATION

App Academy Full Stack Web Development

Completed Sept 2024