

Alex Carl

Software Developer | React | Python | JavaScript | Building Scalable Web Solutions

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TECHNICAL SKILLS

Python | React.js | React Native | Redux | JavaScript | HTML | CSS | Flask | Express.js | GitHub

PROJECTS

Crafty (Etsy inspired - Group Project)

Live | [GitHub Repo](#)

Innovative marketplace for buying and selling custom-designed cosplay costumes and accessories.

- Engineered the backend using Flask and SQLAlchemy to manage product listings, orders, and seamless transactions, while optimizing database performance for real-time inventory tracking. Implemented secure authentication with Flask-Login for personalized user experiences.
- Developed a React-based front-end with Redux for state management and React Router for navigation. Integrated features like dynamic product displays, product randomization, and star ratings to enhance usability, engagement, and personalization.

DuelForge

Live | [GitHub Repo](#)

Dynamic platform for Yu-Gi-Oh! Fans can create decks, track events, and connect with others.

- Designed and implemented drag-and-drop functionality for deck building, using React DnD for smooth interactions and Redux for persistent state management, enhancing user experience and engagement.
- Integrated a third-party Yu-Gi-Oh! API to provide real-time card data, enabling dynamic deck personalization. Developed backend routes with Flask and SQLAlchemy for secure deck creation and user authentication via Flask-Login, ensuring scalability and a personalized user experience.

WORK EXPERIENCE

Service Professional, Hawx Pest Control | Atlanta, GA | May 2022 – Present

Provided effective pest management services while building strong client relationships and ensuring customer satisfaction.

- Conducted pest inspections and treatments, resolving complex issues with tailored solutions.
- Delivered exceptional customer service, managing multiple service calls while maintaining high satisfaction levels.

General Manager, Little Caesars | Peachtree City, GA | Nov 2018 – May 2022

Led a team to ensure efficient operations, drive sales growth, and maintain high-quality service standards in a fast-paced environment.

- Managed daily operations, including staffing, inventory, and customer service to meet business goals.
- Trained and developed staff, fostering a positive work culture and increasing team performance.

EDUCATION

Independence University – Bachelor of Fine Arts (BFA) | Graphic Design

App Academy – Rigorous coding boot camp that trains students in full-stack software development.