

Brittany Robarge

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• [linkedin.com/in/brittanyrobarge](https://www.linkedin.com/in/brittanyrobarge) • Software Engineer/Developer | Active Secret Clearance

TECHNICAL SKILLS

Programming Languages | Python 3, JavaScript ES6+, SQL, HTML5, CSS, Java, C++

System Design | Monoliths, Microservices, Domain-driven design, Message passing, Event sourcing, Databases, Development Environment

Back-End | Django 4, PostgreSQL, MongoDB, CI/CD

Front-End | DOM manipulation, Websockets, React, Git, NodeJS

Other: Microsoft Windows, Office 365, ERP Systems, TMS

RELEVANT PROJECTS

Running Fridge | Full Stack Engineer |

Mar '24

<https://gitlab.com/brittanyrobarge26/running-fridge-better-catch-it> |

Python 3 | JavaScript | HTML5 | CSS | Django 4 | React | Domain-driven Design | React | Redux | SQL

Running Fridge is an application for tracking the inventory in users fridge based on expiration dates . User is able to add, update and delete beverage, grains, dairies, produce and proteins.

- Developed dynamic and interactive frontend components using **JavaScript**, **React**, and **Redux**, resulting in a 20% increase in user engagement and interactivity
- Crafted visually appealing and responsive user interfaces using **HTML5** and **CSS**, resulting in a 30% reduction in bounce rates across multiple devices. Implemented responsive design principles and optimized UI elements for intuitive navigation and enhanced user satisfaction
- Incorporated **Domain-driven Design** principles to model the application's domain logic effectively, ensuring a clear and scalable architecture.

CarCar | Full Stack Engineer |

Feb '24

<https://gitlab.com/brittanyrobarge26/CarCar> | **Python 3 | JavaScript | HTML5 | CSS | Django 4 | React | Domain-driven Design**

CarCar is an application for managing the aspects of an automobile dealership. It manages the inventory, automobile sales, and automobile services.

- Leveraged **Django framework** to design & implement **RESTful APIs**, reducing response time by 10% within a microservices architecture incorporating Docker for seamless communication & data exchange between multiple services
- Reduced response time by 50% through the integration of efficient sales & service **microservices** with real-time inventory data
- Streamlined processes by 25% through seamless integration of **RESTful APIs**, **Node.js**, & **Docker**, including User Authentication & Inventory Management

Wardrobify | Full Stack Engineer |

Dec '23

<https://gitlab.com/brittanyrobarge26/Wardrobify> | **Python 3 | HTML5 | CSS | Django 4 | React | Domain-driven Design**

Wardrobify is a Django-based project and task manager application enabling users to efficiently organize, track, and collaborate on projects and tasks.

- Increased efficiency by 30% by utilizing **Python**, **Django**, **HTML**, & **Bootstrap** to develop a streamlined project & task manager application
- Increased scalability by 2x utilizing Django's framework with **HTML & CSS**
- Designed two application-specific models: the Project model and the Task model, to organize and manage project and task data efficiently with continuous integration

PROFESSIONAL EXPERIENCE

Ohio Air National Guard | Transportation Operations Manager Aug '15 - Aug '24

- Implemented technical input and expertise to support over 500 transportation logistical movements, resulting in a 10% increase in the timeliness of delivery
- Coordinated with 15+ external support agencies over 7-10 years, utilizing Excel, project management tools, & communication tools, to secure transportation for 100+ high-priority missions
- Improved accuracy of outbound cargo labeling by 40% through implementation of SOPs including checklists, barcode scanning, double verification, & training programs
- Negotiated cost-effective transportation solutions, including air freight services & varied trucking options, resulting in a 15% reduction in logistics expenses using TMS, ERP, & Excel

Buddy’s Crab House & Oyster Bar | Lead Server/Trainer Mar '21 - Oct '23

- Led a team of servers, implementing individual performance goals, training & coaching, & conducting regular team meetings to contribute to a 15% increase in customer satisfaction based on customer feedback ratings
- Conducted onboarding, technical, soft skills, & product knowledge training sessions for new team members, resulting in a 25% improvement in adherence to company standards
- Collaborated with the management team to implement new technologies and a software solution, resulting in a 25% reduction in order processing time from 10 days

EDUCATION

Colorado Technical University | Master of Science in Computer Science- Software Engineering Oct '25

Hack Reactor | Advanced Software Engineering Immersive Program Apr '24

University of Toledo | Bachelor of Arts Dec '22

- Honors: Summa Cum Laude (GPA:3.97)
- President’s List & Dean’s List

Community College of the Air Force | Associates Transportation and Logistics Jan '18