

# Christo Grabowski

## Software Engineer

christo.grab@gmail.com

[Github](#) | [LinkedIn](#) | [Portfolio](#)

### SKILLS

**Languages:** JavaScript, Python

**Libraries/Tools:** HTML5, CSS3, React, Redux, Node.js, SQL, Flask, SQLAlchemy, Express, Sequelize, WTForms, AWS S3, Google Maps API, Vitest, Git

**Key Skills:** Pair Programming, Object-Oriented Programming (OOP), Scrum Methodologies

### PROJECTS

**Orksy** | (Flask, SQLAlchemy, React/Redux)

[Live Site](#) | [Github](#)

*Orksy is a full-stack e-commerce web application designed to emulate popular site Etsy.*

- Employed Python's Boto3 AWS SDK to implement a backend route for storing images in Amazon's S3 Bucket service, allowing users to upload image files for safe, persistent storage in the Cloud.
- Incorporated programmatic logic with Date objects to simulate variability of shipping dates and costs.
- Designed custom animations using CSS and JS to add interactive dropdown boxes to view product descriptions and estimated shipping speeds.

**Travel-Inn** | (Express.js, Sequelize, React/Redux, Node.js)

[Live Site](#) | [Github](#)

*Travel-Inn is a full-stack web application inspired by Airbnb.*

- Leveraged knowledge of React with Redux for frontend state management to provide scalability and improve efficiency via data normalization.
- Devised extensive custom backend validation checks to guarantee accurate availability of booking dates and provide specific user feedback.
- Incorporated calls to Google Maps Javascript and Geocoding APIs to convert user-provided addresses into geographic coordinates for displaying approximate locations in real-time.

**Solarium** | (React, HTML/CSS)

[Live Site](#) | [Github](#)

*Solarium is a static web app for viewing information on our solar system and the planets.*

- Employed CSS calc function to design responsive, to-scale visual representations of relative planetary orbital speeds, sizes and distances from Sun.
- Utilized reports from Chrome DevTools' Lighthouse audit tool to optimize website performance, achieving perfect scores of 100 in SEO, best practices, and accessibility.

### EXPERIENCE

**Cedar Meadow**

**Remote**

*Web Developer (Contract)*

April 2023

- Communicated with client at multiple checkpoints to confirm architectural, stylistic, and functional needs in order to revamp their website to match modern standards while minimizing costs.
- Constructed handmade dynamic importing/sorting logic to enable ability to drag-and-drop images to a gallery without the need of a database, keeping hosting costs at \$0.53/month.
- Wrote multiple unit tests using Vite's built-in Vitest testing suite to ensure code sanity, and wrote clear, concise documentation for developer and client ease-of-use.

**BITE New York**

**New York, NY**

*Back-of-House Captain*

May 2021 – June 2022

- Directed teams of flexible size (2 to 100+) to adapt to individual needs and challenges of hundreds of events, from small cocktail parties to multiple-course sit-down dinners.
- Oversaw proper collection, setup, maintenance and breakdown of rental equipment for events of up to 1000 guests, ranging from delicate china to industrial kitchen appliances.
- Trained new employees in back-of-house protocols to facilitate fully self-service sanitation and storage stations for handling large volumes of used rentals.

## EDUCATION

### **App Academy**

*Curriculum of Study in Web Development (JavaScript and Python)*

**Online**  
July - December 2022

### **Middlebury College**

*Bachelor of Arts in Theatre*

**Middlebury, VT**  
September 2009 - May 2012