

Christo Grabowski

Software Engineer

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[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

Long Island, NY

Web Developer (Contract)

April 2023

- Communicated with client at multiple checkpoints to confirm architectural, stylistic, and functional needs in order to revamp their dated business website to match modern standards while minimizing costs.
- Constructed custom dynamic importing and sorting logic to allow client to add to a site's image gallery by dropping image files into a predetermined folder in site repository, with no need to pay for/maintain a database.
- Wrote multiple unit tests using Vite's built-in Vitest testing suite to ensure code sanity.

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.

Creative Edge Parties**New York, NY***Venue Manager*

March 2018 - December 2021

- Managed all aspects of high-end event space in downtown Manhattan, ensuring delivery schedules were followed, client needs met, and building safety standards complied with.
- Fostered positive relationships with clients, resulting in over a dozen lasting partnerships emerging out of originally one-off events.

EDUCATION**App Academy****Online***Curriculum of Study in Web Development (JavaScript and Python)*

July - December 2022

Middlebury College**Middlebury, VT***Bachelor of Arts in Theatre*

September 2009 - May 2012