

CHRISTOPHER DUERKES

Front End Web Developer

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EXPERIENCE

ANDERSON OPTIMIZATION (REMOTE, AZ)

Angular Front End Web Developer | Apr 2023 – Present

Develop and maintain software that is used by solar developers to site renewable energy projects.

Highlights:

Some of the features that I developed that were popular with customers: bulk editing cell data in AG Grid, layer sorting using priority codes, bulk copying features from layers, table and map element highlighting, a measurement/draw tool update and reorganizing a JSON-schema driven form using Python and Angular.

BOUNTEOUS (REMOTE, NY)

Senior Web Developer | Mar 2022 – Present

Web Developer | May 2021 – Feb 2022

Contribute to the development of digital experiences for major restaurant brands using front-end web technologies (Angular, RxJS). Work has ranged from payment platform improvements to upgrading projects from Angular 8 to 15.

Handle front-end deployments using a blue-green deployment model. Have visibility into AWS for development and debugging.

Highlights:

Built a round up for charities option during checkout, which included the ability to persist selections between the bag and checkout pages, to react to basket changes (e.g., tips), and for the feature to be toggled from the CMS. Designed an approach to creating and using bottom sheets - comparable to the way we use ng-bootstrap modals - that allows components to be presented as bottom sheets, while being positioned as sibling elements to the main content of the site for ADA purposes.

Express checkout flow allowing Apple Pay users to enter little or no contact information while checking out. Combines user provided details with Apple Pay transaction data to dynamically update the payment session request and checkout form validation rules.

Upgrade from Angular 8 to 10, then 10 to 15, requiring significant library migrations and refactoring and resulting in a reduction in project bundle sizes by more than 28%.

MILLENNIUM SYSTEMS INTERNATIONAL (PARSIPPANY, NJ)

Applications Developer | May 2019 – April 2021

As a member of the Creative UI team, my work ranged from creating responsive layouts using HTML and CSS to developing new features using modern web technologies and best practices.

THORLABS (NEWTON, NJ)

Junior Web Developer | Jan 2018 – May 2019

SKILLS

Languages JavaScript, TypeScript, HTML, CSS

Libraries/Frameworks Angular 2+, RxJS, NGRX

Version Control Git/GitHub

CSS Preprocessor SASS

CSS Naming Convention BEM

EDUCATION

Full-Stack Web Development
Firehose Project

MSc., Soil and Water Science
University of Florida

BSc., Environmental Biology
Columbia University