

## Christopher Makrides | Full Stack Developer

### Skills

**Languages** - JavaScript, HTML, CSS, Java

**Libraries and Frameworks** - React, NextJs, NextAuth, Tailwind, Spring, MUI, React Hook Form, Yup, React Query, Jest.

**Database** - GraphQL, PostgreSQL, SQL, MongoDB, Liquibase, SQL Developer, Sequel Pro, Postman.

**Other** - GitHub, Bitbucket, Vercel, Netlify, Heroku, Jira, Webstorm, IntelliJ.

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### Professional Experience

August 2022 – PRESENT

**Colorado Avalanche Information Center (CAIC)** – Responsive web application to show current weather and avalanche forecasts in the state of Colorado. <https://avalanche.state.co.us>

- Technologies: Drupal, React, GitHub, Jira, Tailwind, Google Maps Api, React Hook Form, Yup, Tanstack React Query.
- Project had a large task order with a set amount of time and budget for MVP. Team was successfully in building the site and as a result built a strong relationship with CAIC. Since 2022 there have been 3 major release updates where new features are built or improved upon.
- Awarded web excellence award <https://we-awards.com/winner/colorado-avalanche-information-center/>.

April – September 2022

**Idalink** – Responsive web application for healthcare, food assistance, and other programs in the state of Idaho.

<https://idalink.idaho.gov>

- Technologies: NextJs, React, MUI, Tailwind, Java Spring, Bitbucket, Jira, NextAuth, Yup, Redux, React Hook Form.
- Extensive and dynamic forms to apply for Medicaid, re-apply to Medicaid, or report a change.
- Major influence on the following features: Address Verification, Identity Verification, PDF generation, XML conversion with XSD validation, prepopulating data for the forms.

August – November 2022

**Idaho Tobacco Project** – (Planned Release Fall 2024) System for managing/granting tobacco permits for Idaho.

- Technologies: NextJs, AppRouter 13, React, MUI, Tailwind, NextAuth, Vercel, PostgreSQL, Liquibase. Bitbucket, Jira.
- Played a main role in the following: Initializing project. Setting up tailwind to work with MUI components. Deploying to Vercel. Using Vercel Postgres SQL. Using Liquibase to manage database updates/changes. Building desktop and mobile navigation bar. Reports table page, 6 column sortable table with several filter parameters.

December – April 2022

**Center for the New Energy Economy** – (Planned Release 2024) System for viewing energy legislation/state policies regarding clean energies for Colorado.

- Technologies: React, MUI, CSS, GraphQL, ApolloGraphQL, Liquibase, Java Spring, Bitbucket, Jira.
  - Features built: Admin view/add/edit/remove bill from profile, State comparison tool. Search and list Bills.
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### EDUCATION

**General Assembly | Remote**

2021 – 2022

**Software Engineering Immersive** Full-stack development, twelve-week, 450+ hour program.

**Bates College | Lewiston, Maine**

2010 – 2014

**Double Major:** Physics, Theater, concentration: Mathematics