

# KRIS DOYON

kris.doyon@gmail.com • [github.com/krisdoyon](https://github.com/krisdoyon) • [krisdoyon.com](https://krisdoyon.com)

## SKILLS

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**Languages:** TypeScript, JavaScript, HTML, CSS/Sass, Python

**Frameworks:** React, Vue

**Tools:** Git, Vitest, Jest, Playwright, Redux Toolkit, Docker

**Libraries:** Material UI, Chart.js, React Highcharts

## WORK EXPERIENCE

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**Software Developer** – Avenir Health – Glastonbury, CT

May 2023 – present

- Develop user-friendly React applications in support of public health initiatives.
- Integrate frontend applications with backend services using RESTful APIs.
- Implement new features and resolve issues based on ticketing system priorities.
- Translate wireframes and design mockups into fully functional and responsive web applications.
- Utilize Git for version control and engage in code review using pull requests.

**Science Teacher** – Ellington High School – Ellington, CT

Aug 2019 – Jun 2022

- Proposed, developed and taught curriculum for a new semester long astronomy course.
- Organized and co-led a group of 25 students on a seven day U.S. National Parks trip.

## PROJECTS

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**Peak Tracker** - A web app to plan, track and analyze mountain hiking progress.

[Live Site](#) – [Github Repo](#)

- Developed custom hooks to streamline reusable logic across components.
- Managed client-side state with Redux Toolkit and server-side state with RTK Query.
- Unit and integration testing with Vitest and React Testing Library, end-to-end testing with Playwright.
- Curated data from U.S. Geological Survey by extracting and transforming data using NodeJS scripts.

**Harvest Seed Company** - A mock e-commerce site using React and Firebase

[Live Site](#) – [Github Repo](#)

- Managed global state using Redux and dispatched HTTP actions with async thunk middleware.
- Implemented authentication using JSON web tokens and Firebase Authentication Service.
- Utilized React Router for client side routing, shared layouts and protected routes.
- Designed a mobile-first, responsive layout using Flexbox, Grid and SCSS modules.

## EDUCATION

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**B.A. – University of Maine, Orono, ME**

Summa cum laude – GPA: 3.93

## Interests

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Astrophotography, hiking, climbing, gardening