

DAVID WOOLNER

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Ridgefield, CT

[Portfolio](#)

[Github](#)

[LinkedIn](#)

SKILLS

JavaScript, TypeScript, React, Redux, HTML, CSS, SCSS, Ruby, Ruby on Rails, Python, MongoDB, Node.js, Express.js, SQL, SQLite3, PostgreSQL, Lua, Webpack, jQuery, Git, Heroku, AWS, Agile, Object Oriented Programming (OOP), Pair Programming

EXPERIENCE

Full Stack Software Engineer

Apache Superset, Preset.io (Volunteer Contributor)

Dec 2021 - Present

- Refactored React class components to functional, and added static typing with TypeScript to increase maintainability.
- Remotely collaborated with a team of engineers using Linear for issue-tracking, and Git version control.

Lighting Console Programmer, Set Lighting Technician (see [IMDB.com](https://www.imdb.com/name/nm0000000/) for full list)

Netflix, AppleTV+, Amazon, Hulu, HBO, etc.

Oct 2006 - Apr 2021

- Collaborated with multidisciplinary team members in a fast-paced environment, resulting in Emmy award-winning cinematography.
- Utilized Lua scripts and OOP principles to optimize lighting console performance, and improved data management.
- Researched new technology and network solutions daily, resulting in reduced troubleshooting times, and proficiency in referencing technical documentation.

PROJECTS

COME WHAT MAY (MongoDB, Express, ReactJS, Node.js, PostgreSQL, HTML5, CSS3)

[live](#) | [github](#)

A disaster planning app, built on the MERN stack for families to form exit strategies and practice via drills

- Led a small team through a one week sprint to build a site from back to front and learn new technologies, established git workflows to avoid conflicts and maintained smooth communication.
- Incorporated React-Redux container and Redux selector patterns to architect highly scalable and uni-directional front-end state management.
- Implemented authorized and protected routes to improve performance and protect user information.

ERA BNB (Rails, ReactJS, Redux, PostgreSQL, HTML5, SCSS, AWS, Mapbox API, React-Calendar API)

[live](#) | [github](#)

A clone of Airbnb with a twist: architectural, era-specific decor

- Managed scheduling and booking CRUD through transactional database operations using Active Record and PostgreSQL.
- Connected Rails back end to AWS S3 for media storage and organization while maintaining content security with AWS IAM.
- Leveraged auth-based React components to guide the user through hosting and booking interfaces.

NYC CINEMAP (VanillaJS, HTML5, CSS3, Mapbox API, OMDb API, LocalStorage API, Geolocation API)

[live](#) | [github](#)

Interactive map of NYC detailing where film scenes have been shot, plus UX/UI to save and later view the film

- Created an algorithm to automate the transformation of spreadsheet data into geoJSON format.
- Harnessed the browser's native LocalStorage API to persist user's film selection, enhancing usability.

EDUCATION

App Academy - Immersive full-stack web development program with 3% acceptance rate, 1000+hrs of coding.

Jun - Oct 2021

SUNY Purchase College - Conservatory of Film, Bachelor of Fine Arts, Cum Laude

Jun 2006

References Available on Request