

# DAVID WOOLNER

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## SKILLS

Rails, React, TypeScript, JavaScript, Ruby, Python, HTML, SCSS, Node.js, Express.js, Redux, SQL, PostgreSQL, GraphQL, MongoDB, jQuery, Git, Heroku, Docker, Kubernetes, Amazon Web Services (AWS), Terraform, RSpec, Jest, CircleCI

## EXPERIENCE

### Full Stack Software Engineer | Voray

Feb 2022 - May 2023

- Applied intelligent object-oriented design principles for effective end-to-end development and deployment of a chat messenger feature, utilizing **React** on the frontend, and **Ruby on Rails** on the backend.
- Utilized **React**, **JavaScript**, **HTML**, **CSS**, and **Bootstrap** to develop a Community Admin panel, empowering users to act as admins and effectively manage their own community, resulting in a reduction of Voray-team administration.
- Collaborated effectively with a globally distributed team of engineers using **Agile Methodologies** in a fast-paced startup environment by leveraging tools such as **Git**, **Slack**, **Jira**, and **Asana**, resulting in successful project delivery and high-quality code.
- Developed web services and **RESTful** interfaces using **Ruby on Rails**, **PostgreSQL**, and **ActiveRecord**, and tested with **Postman** and **RSpec** for unit test suites.
- Automated **PostgreSQL** database migrations on deployment to **Heroku** resulting in increased availability and accuracy of data, and eliminating the need to run migrations manually.
- Guided and supported multiple new hires in quickly acclimating to the codebase, development practices, and project architecture, enabling them to contribute effectively to the team.

### Full Stack Software Engineer | Preset.io (Volunteer Contributor)

Dec 2021 - Feb 2022

- Refactored **React** class components to functional, and added static typing with **TypeScript**, increasing maintainability and contributing to the overall functionality and user experience of the open-source business intelligence application.
- Remotely collaborated with a global team of developers on the project using **Git** and **GitHub**, contributing to code reviews and pull requests.
- Demonstrated a commitment to **open-source software** development and the mission of the **Apache Software Foundation**.

## PROJECTS

### COME WHAT MAY | ReactJS, Redux, HTML5, CSS3, Express, Node.js, Webpack, MongoDB, Mongoose, Docker

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

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

- Led a three person team through a one week sprint to build a site from back to front and learn new full stack technologies, established **git** workflows to avoid conflicts and maintained smooth communication.
- Incorporated **React-Redux** containers 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.

## PREVIOUS EXPERIENCE

### Lighting Console Programmer | Hollywood Studio Lighting Technicians, IATSE Local 728

Oct 2020 - Apr 2021

### Set Lighting Technician | Motion Picture Studio Mechanics, IATSE Local 52 ([see IMDB.com](#) for list of credits)

Oct 2006 - Oct 2020

## EDUCATION

### Full Stack Web Development, App Academy

Summer 2021

### Bachelor of Fine Arts (Cum Laude), 3.71/4.0, Conservatory of Film at SUNY Purchase College