DAVE WOOLNER

(347) 882-6981   DavidWoolner@gmail.com   NYC Metro-Area | Ridgefield, CT   **Portfolio**   **GitHub**   **LinkedIn**

SKILLS

Ruby on Rails, React, Redux, Next.js, TypeScript, JavaScript, Python, Node, PostgreSQL, GraphQL, MongoDB, AWS, LLMs, Prompt Engineering

EXPERIENCE

Full Stack Software Engineer | Ruby on Rails, PostgreSQL, Azure, Midjourney, Stable Diffusion, ChatGPT 4o   May 2024 - Present
wroom.ai (an interconnected workspace for storytellers)

- **Product Ideation:** Integrated insights from my diverse industry background into product ideation meetings, contributing real-world perspectives to shape AI-driven solutions that align with market needs.
- **AI Tool Research:** Conducted thorough research on cutting-edge tools such as **Midjourney, Stable Diffusion**, and **RunwayML**, assessing their potential to enhance product capabilities and streamline workflows.
- **Documentation:** Authored comprehensive documentation detailing AI workflows, ensuring clarity and accessibility for both technical and non-technical stakeholders.
- **Prompt Engineering:** Developed and optimized AI prompts for tools like **Midjourney** and **Stable Diffusion**, identifying model strengths and addressing problem areas to enhance the quality and relevance of generated content.

Full Stack Software Engineer | React, Redux, Ruby on Rails, PostgreSQL, GraphQL, Redis, AWS, Docker   Feb 2022 - May 2023
Voray (a private social networking site with message feed, groups, chat, and events)

- **Team Impact:** Streamlined marketing operations via automated Sidekiq jobs, reducing workload by ~6% daily. Wrote custom DB queries to improve Customer Success's workflow. Implemented Bootstrap to improve the speed of our deliverables.
- **Product Impact:** Developed full-featured messenger from legacy inbox using OOP and custom algorithms. Integrated Stripe API into user settings, saving Customer Success hours of manual setup each week. Optimized UX with responsive design via media queries, which increased accessibility by ~25%. Created automated onboarding flows for new users, reducing the amount of handholding Customer Success needed to deliver.
- **Technical Impact:** Introduced static code analyzer ensuring consistent code style and reduced complexity. Automated DB migrations on Heroku for data reliability. Refactored legacy jQuery into reusable React components. Implemented Adapter pattern for admin CSV imports.
- **Leadership:** Mentored new hires and juniors on the codebase, culture, and our established practices. Maintained documentation and logged solutions to infrequent issues.
- **Workflow**: Navigated a fast-paced startup environment to deliver high-quality code. Facilitated agile collaboration across a globally distributed engineering team.

Open Source Contributions

Open Collective (a legal and financial toolbox for grassroots groups)   Feb 2024 - Present
- *Fixed tag list modal overlap* using React, Typescript, Storybook, Popper.

Preset.io (Data visualization software built on Apache Superset)   Dec 2021 - Feb 2022
- Refactored React class components to functional, and added static typing with TypeScript, increasing maintainability and DX.

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 - Present

EDUCATION

Full Stack Web Development, App Academy
Bachelor of Fine Arts (Cum Laude), 3.71/4.0, Conservatory of Film at SUNY Purchase College