





ADRIANNA HELFRICH

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 ahelfrich.dev

SKILLS

Programming: Python 3, JavaScript ES6+, SQL, HTML5, CSS

Back End: Django 4, PostgreSQL, MongoDB, FastAPI, RabbitMQ

Front End: React, React Hooks, Redux Toolkit, WebSockets, DOM manipulation, Bootstrap

System Design: Microservices, Domain-driven design, Message passing, Event sourcing

APPLICATION DEVELOPMENT EXPERIENCE

Software Engineer | SMASH | *GitHub*

Python, FastAPI, JavaScript, React, PostgreSQL, Docker, HTML, CSS

- Collaborated with 3 engineers to create a music-centered social media website where users can share their music and join groups to interact with other artists.
- Built all logic around creating and managing various posts including commenting and liking with a **React** frontend and **FastAPI** and **PostgreSQL** backend.

Software Engineer | AutoTech | *GitHub*

Python, JavaScript, Django, JSON, React, Docker, HTML, CSS

- Created an application with 2 engineers to help car dealerships manage their sales, services, and inventory.
- Designed and developed the **microservice** responsible for all logic around servicing vehicles with a **React** frontend and a **Django** backend.

Software Engineer | ConferenceGO | *GitHub*

Python, JSON, Django, SQLite, Docker, HTML, CSS

- Architected a service to simplify the complex planning of conferences and allow users to have a centralized view of invites, weather, events and more.
- Integrated with the **Geocoding API** to source weather data during the conference dates as well as integrating with the **Pexels API** to source images based on the conference location.

Software Engineer | To-Do It | *GitHub*

Python, Django, HTML, CSS, SQLite

- Developed a clean and responsive to-do app that allows users to view, organize and manage their tasks.
- Utilized a simple **HTML** and **CSS** frontend along with a **Django** backend.

PROFESSIONAL EXPERIENCE

Graphic Designer | Penguin Random House | *New York, NY*

February 2022 – February 2023

- Styled websites for the promotion of new releases using **HTML** and **CSS**.
- Designed a variety of marketing materials and website assets for Random House Children's Books to better promote newly released books and increase sales.

Research Assistant | The New School | *New York, NY*

December 2020 – June 2021

- Created and integrated animated assets for Nora's personal website.
- Assisted with the design, illustrations, and marketing of the international versions of Nora Krug's award-winning graphic novels: *Belonging* and *On Tyranny*.

Graphic Designer | Moon Park Music | *New York, NY*

February 2020 – April 2020

- Designed and formatted the cover and booklet for a children's music album to display the songs and lyrics.

EDUCATION

Hack Reactor, *Advanced Software Engineering Certificate*, GPA: **98.6/100.0**

2023

Parsons School of Design, *Bachelor of Fine Arts in Illustration*, GPA: **3.8/4.0**

2017 – 2021