





# ADRIANNA HELFRICH

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## SKILLS

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**Back End:** Python, Node, Django, FastAPI, PostgreSQL, MongoDB, RabbitMQ

**Front End:** JavaScript, React, Typescript, GraphQL, HTML, CSS, Redux, WebSockets, DOM manipulation

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

## APPLICATION DEVELOPMENT EXPERIENCE

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**Founder/CEO** | FocusFlow

*JavaScript, Node.js, GraphQL, React, MongoDB, HTML, CSS*

- Building **FocusFlow**, a web application aimed to help people keep track of and achieve their goals in a meaningful, sustainable way by utilizing a rating system and weekly check-ins.

**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 vehicle sales 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.

## PROFESSIONAL EXPERIENCE

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**Designer & Web Developer** | 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 Krug'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

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

2023

Parsons School of Design, *BFA*, GPA: **3.8/4.0**

2017 – 2021