

# Max Koerner

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# Software Engineer

[LinkedIn](#) | [Github](#) | [Portfolio](#)

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**SKILLS** Python, JavaScript, React, Redux, HTML, CSS, Node.js, Express.js, SQL, SQLAlchemy, Flask, SQLite3, PostgreSQL, Git, Heroku, AWS (Amazon Web Services), APIs, PsychoPG

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## PROJECTS

**PostIt** (Python, Flask, SQLAlchemy, PsychoPG, AWS, React / Redux)

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

- Created a clone of the popular website Reddit by developing a **Python** backend with **Flask**, **SQLAlchemy** and **PsychoPG**, allowing quick, efficient communication with the database to get and create data.
- Managed the UI/UX of the frontend, utilizing **React / Redux** to display all data generally requested by subreddit or user ID and specific data requested by post ID retrieved from the backend.
- Built and utilized **AWS** to securely store photos posted to the website in **Python**, allowing scalability of the backend and easy access to the photo information sent to the frontend for quick post, receive and display photos.
- Developed a search function in **React / Redux** to find the relative post the user is looking for, giving users predictive text dropdown options with each keystroke, providing a customized user experience..

**AngryCloud** (Python, Flask, SQLAlchemy, PsychoPG, AWS, React / Redux)

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

- Developed a **Python** backend with **Flask** and **SQLAlchemy** technologies to structure routes, using **PsychoPG** to translate and parse data from the database, allowing CRUD functionality for songs, album art and playlists.
- Leveraged **React / Redux** to request / send information from the backend, store it, and display it to the user in a responsive and seamless way.
- Implemented a connection with **AWS** to securely store songs and album art to be played and easily accessed on the **React / Redux** frontend.

**Ace API** (Pug, JavaScript, CSS, HTML)

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

- Created a Goodreads clone using **Pug** with a **Javascript** backend by using mixin capabilities to communicate between the frontend and backend and provide a more fluid UI/UX across the application.
- Developed a method using **JavaScript** to query the backend database to enhance user experience (UX) by increasing the efficiency of search results for desired **APIs**.

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## EDUCATION

**App Academy** – Full Stack Software Engineering

2021-2022

Relevant coursework includes: Object Oriented Programming (OOP), Test Driven Development (TDD), Coding Best Practices, Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies

**Ohio Wesleyan University** – Bachelor's Degree in History

2010-2014

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## EXPERIENCE

**Huntington Bank** – Colleague Resource Specialist, Columbus, OH

Dec 2018—2020

- Provided essential **problem solving guidance** in support to branch bankers and employees regarding policies and procedures, asking probing questions to gain context on an issue and providing relevant and practical solutions.
- Analyzed and assessed details of business documentation such as legal directives, standards, and state registry to ensure **best practices, suggesting improvements** as necessary to provide the most current policy adherence.
- Optimized the process for providing creative solutions for complex issues facing Huntington colleagues in order to move quickly and efficiently through the ticket queue, resolving ~ **90 - 100 calls per day**.