

# Marco Serrano

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**SKILLS** React, Express.js, Flask, Node.js, JavaScript, Python, HTML5, CSS3, SQL, Docker, Git, AWS, Material UI

## PROJECTS

**Pikagram** (Express.js, Node.js, HTML5, CSS3, PostgreSQL, AWS S3)

[Live](#) | [Github](#)

*Pokemon and Instagram inspired social media application*

- Designed a postgresQL relational database using Sequelize that allowed user creation, posting, comments and likes, while also allowing users to follow other users. This helped streamline the creation of tables and seeding the database.
- As Lead Backend Developer, designed a relational database while communicating with a front-end team about the structure of the back-end API routes.
- Implemented the ability to upload photos to a bucket in AWS S3 to optimize application and provide scalability.

**Endless** (React, Express.js, Node.js, CSS3, PostgreSQL, AWS S3)

[Live](#) | [Github](#)

*Tumblr inspired social media application*

- Created a one page Full stack application using React as a front-end framework and implemented an Express back-end and a postgresQL database.
- Used React's built-in hooks to manage the state of the application, such as when a user is logged in or displaying which posts were liked by the current user.
- Mapped database in a way that allowed the application to have 3 different post types while also keeping in mind future additions of post types.

**Spoofify** (React, Flask, Node.js, Python, HTML5, CSS3, PostgreSQL, Docker, AWS S3)

[Live](#)

| [Github](#)

*Spotify inspired audio streaming application*

- Designed and routed the progress bar which allowed for shuffling, looping, play/pause, volume control, skip/previous song and also scan through the music using built-in methods on the audio element and React Hooks to manage the state of the audio.
- Designed the front-end using Material-UI component library for a smoother user experience and efficient React development while also giving an aesthetic of Google's Material Design.

## EDUCATION

**App Academy**

*Curriculum of Study in Web Development (Python and JavaScript)*

**New York, New York**  
February 2020 - September 2020

**Portland State University**

*Bachelor of Science in Computer Science*

**Portland, Oregon**  
September 2017 - Recent (Expected Graduation 2023)

## EXPERIENCE

**Panera**

**Oregon**

*Line Cook*

**Tualatin,**

September 2019 – Recent

- Operated in an efficient manner during \$1200 per hour lunch rushes serving an average of 100 people during those times, while maintaining a level head in a fast-paced environment.
- In charge of monitoring food quality for the team before they reached the customers, and handled all instances of service recoveries.

**Portland State University Cultural Resource Center**

*Receptionist*

**Portland, Oregon**  
March 2017 – June 2018

- Provided resources to an average of 50 students and faculty members per shift while also acting as the primary point of contact for the center.
- Built an extensive knowledge base of campus resources, events and acted as point of reference for students and staff who needed assistance or information.

- Maintained up-to-date information about on-campus and off-campus events.