

# Felipe Silva

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[PORTFOLIO](#)

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## SKILLS

React, Redux, JavaScript, Python, Flask, CSS, Postgres, HTML, CSS, Node.js, Express, SQL

## PROJECTS

**HOMELANDER** (JavaScript, React, Redux, Exifr, Express, AWS S3, Sequelize, Postgres, CSS)

[Live](#) | [GitHub](#)

*A full-stack web application that allows users to find and share campsites anywhere in the world.*

- Extracted latitude and longitude from image metadata using Exifr, which ensured that HomeLander automatically and accurately created campsite locations.
- Implemented Google Maps API to create a visualization of each existing campsite in the Postgres database, giving the user an enhanced visual experience of the camps.
- Utilized AWS S3 to upload images, storing files in the cloud securely and giving the application the ability to scale as needed and reduce server load.

**INSTAPIX** (Python, Flask, SQLAlchemy, Jinja, React, Redux, Postgres, CSS, Docker)

[Live](#) | [GitHub](#)

*A photo-sharing social media application inspired by Instagram*

- Collaborated and strategized with other engineers to design and build a fully-functional full-stack application clone of the multi-million dollar app Instagram in a two-week time limit.
- Leveraged Docker to package, deliver and deploy applications to the cloud with managed dependencies..

**SOUNDCLOUD CLONE** (JavaScript, Express, React, Redux, Sequelize, React H5 Audio Player, AWS S3, Postgres)

[Live](#) | [GitHub](#)

*A full-stack clone of SoundCloud, an application that allows users to upload songs and create albums.*

- Used React H5 Audio Player to allow music to stream seamlessly with the help of Redux's store function.
- Implemented authentication functions on the front end to restrict access to manipulating buttons so that users can only alter songs or albums they created
- Leveraged Redux's ability to manage state to streamline React components and various CRUD actions throughout the application, in conjunction with logic regarding user campsites, allowing for delete/edit buttons to only show up if the current has valid authorization.
- Incorporated a relational database with the proper associations and validations to prevent invalid data by only allowing valid latitude and longitude coordinates to be entered into the form.

## EXPERIENCE

### Teacher 4th Grade

*Yav Pem Suab Academy*

Jul 2016 - Current

- Designed and implemented engaging instructions in the classroom, small group settings, or individual sessions that led to academic success. Finished the school year in the top-3 scoring classroom in state testing for six consecutive years.
- Decreased behavior issues by 99% from the previous school year and other classrooms in the school, as measured by the number of office referrals written every year.
- Planned, implemented, monitored, and assessed classroom instructional programs for consistency with school goals and philosophies and specific objectives based on an assessment of student needs.

### Photographer / Owner

*Felipe Silva Photography*

Feb 2015 - Current

- Awarded Nikon Top 100 photographer worldwide.
- Employed exemplary communication and people skills, with the ability to discuss complex artistic concepts in layman's
- Built relationships through constant communication with clients or advertising staff to identify target goals and determine location, vision for the photoshoot, equipment needs, and personnel needed to achieve the goal.

## EDUCATION

**Web Development** - App Academy | Sept 2021 - Nov 2022

**Master of Arts in Urban Education** - Focus Educational Policy and Administration | Loyola Marymount University | July 2017 - 2019

**Bachelor of Science, Kinesiology** - Sacramento State University California | Sept 2012 - June 2015