

# SUWANSHREE ACHARYA

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[PORTFOLIO](#)

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## SKILLS

Javascript, Python, React, Redux, Flask, Express, HTML, CSS, SQL, PostgreSQL, SQLAlchemy, Node.js, Docker

## PROJECTS

**STAR YELP** (JavaScript, React, Redux, HTML, CSS, Python, PostgreSQL, Flask, SQLAlchemy, Docker, Heroku)

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

A Yelp clone for gamers to explore Star Citizen locations that uses a Python / Flask backend and JavaScript / React frontend.

- **Utilized AWS S3** buckets for image storing and an external **NPM API** package to display desired rating in Stars for enhanced accessibility and readability for the user.
- **Devised** an accessible ratings calculator in the **Python** backend to correctly display ratings for each listing upon addition/editing/deletion of any review and associated rating stars.
- **Designed** a clean, reactive and multiple device friendly interface utilizing asynchronous code with **React / Redux** and intuitive icons/buttons with vanilla **CSS**.

**TRAVEL BUCKET** (JavaScript, React, Redux, HTML, CSS, Python, PostgreSQL, Flask, SQLAlchemy, Docker, Heroku)

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

A Wanderlog clone which is a trip and event planning site that uses a Python / Flask backend and JavaScript / React frontend.

- **Collaborated** with four team members to construct a four **CRUD** featured website within a week's time frame making the best use of **Git** and **Scrum** methodologies.
- **Programmed** a reliable **JavaScript** Date object comparer and scheduler for seamless and intuitive user interaction while also managing an optimum data flow within **React** components.
- **Implemented Google Maps API** for displaying trip and event locations and a many-to-many relationships table in the **PostgreSQL** database for seamless trip sharing between users.

**COSMIC HUNT** (JavaScript, React, Redux, HTML, CSS, Express, PostgreSQL, Sequelize, Heroku)

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

A Product Hunt clone for all the fictional spacefaring technologies across many movies / series that uses a JavaScript / Sequelize backend and JavaScript / React frontend.

- **Engineered** an intuitive front-end using the **React** library to asynchronously handle all **CRUD** operations.
- **Employed** proper user authorization in the **frontend** to ensure correct handling of all user-posted products.
- **Incorporated** aesthetically modern and user-friendly **modals** to handle all form operations for a modern and intuitive user experience.

**GORA** (JavaScript, Pug, HTML, CSS, Express, PostgreSQL, Sequelize, Heroku)

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

A Quora clone for horror questions in all movies / series that uses a JavaScript / Sequelize backend and JavaScript / Pug frontend.

- **Designed** an intuitive front-end using the **Pug** templating language along with **AJAX JavaScript** to asynchronously handle all **CRUD** operations.
- **Built** reliable **REST** backend routes using **Express** to ensure good data flow complete with proper error handlers directing to **CSS** styled error pages.

## EXPERIENCE

**Driver - Uber Technologies / Lyft Inc.**

Feb 2015 - Nov 2021

- **Analyzed** various available routes across many mapping applications to find the best route to the destination at a moment's notice.
- **Resolved** conflicts between different shared ride passengers to ensure a safe ride for everyone.
- **Documented** various ride hotspots during all hours across the entire operating metropolitan area so that no road time was wasted driving aimlessly when looking for work.
- **Maintained** a very high driver rating of 4.99 out of 5 throughout the years of driving by providing exceptional service.

**Night Auditor - Inn on Broadway**

Jan 2014 - Jan 2015

- **Managed** nightly audit routine for all operations of a busy hotel in accord with corporate standards.

- **Leveraged** problem solving skills to deal with various encountered issues in a timely manner.
- **Collaborated** with sister chain hotels to manage over-bookings and referrals.
- **Resolved** conflicts between guests and staff to leave everyone satisfied at the end.
- **Communicated** to supervisors verbally and in writing, all performed actions during the shift.

#### Store Supervisor - All Sports

Jun 2013 - Dec 2013

- **Operated** a storefront selling name brand sports clothing from all major sports leagues.
- **Managed** various inventory stockpiles and ordering depending on current sales and projections.
- **Creatively** advertised products and assured customer satisfaction during operating hours.

#### Dispatch Supervisor - Yellow Campus Cab Co.

Mar 2012 - May 2013

- **Administered** dispatch operations for a small scale transportation company within a major city.
- **Analyzed** past service data to spread out available vehicles into hotspots during peak hours.
- **Resolved** conflicts between drivers and / or passengers to come up with the best solution for everyone involved.

#### Crew Chief - iHop

Aug 2009 - Sep 2011

- **Supervised** front of house and back of house management during single and double shift hours for a major corporate food chain restaurant.
- **Actively listened** to all customer complaints using **LAST** (Listen, Apologize, Suggest resolution, Touch back) methodology to ensure guest satisfaction and retention.
- **Handled** customer care, scheduling and daily paperwork according to corporate guidelines.
- **Engineered** a non-official **C++** application to help formulate weekly sales projections using data from previous years.

## EDUCATION

**Full Stack Software Engineering** - App Academy | Nov 2021 - Jun 2022

**Pursued BS Graphics Information Technology UI UX** - Arizona State University | Aug 2019 - May 2020

**Pursued BS Computer Science** - Mountain State University | 2008 - 2011