SUWANSHREE ACHARYA

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SKILLS

Javascript, Python, React, Redux, Flask, Express, HTML5, CSS3, SQL, PostgreSQL, SQLAlchemy, MongoDB, Node.js, AWS, Docker, Sanity.io, Chakra UI

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 intuitive interface with **modals,** asynchronous code with **React / Redux** that uses intuitive icons/buttons with custom designed **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.

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 optimal data flow complete with proper error handlers directing to **CSS** styled error pages.
- Exceeded project expectations with additional features including **Search**, **Profiles**, **Categories**, and **Sub-comments**.

EXPERIENCE

Full-Stack Developer - *Idoona*   Oct 2022 - Present
- **Planned** the initial stages of the **SDL** with the founding team including **MVP** and technology stack selection.
- **Integrated Sanity.io** content management system in the **React** frontend that uses **Chakra UI** for component display.
- **Tested** backend routes using **Postman** along with IO operations in the **MongoDB** database.

Driver - *Uber Technologies / Lyft Inc.*   Feb 2015 - Nov 2021
- **Analyzed** various available routes across mapping apps to find the best route to the destination at a moment's notice.
- **Documented** ride hotspots during all hours so that no road time was wasted driving aimlessly between clients.
- **Maintained** a very high driver rating of 4.99 out of 5 throughout the years of driving by providing exceptional service.

Dispatch Supervisor - *Yellow Campus Cab Co.*   Mar 2012 - May 2013
- **Administered** taxicab dispatch operations handling customer calls, driver schedules and on-demand deployment.
- **Analyzed** past service data and spread vehicles into hotspots during peak hours to decrease wait time and maximize profits.
- **Resolved** conflicts between drivers and / or passengers to come up with the best solution for everyone involved.

Crew Chief - *iHop*   Aug 2009 - Sep 2011
- **Engineered** a non-official **C++** application to help formulate weekly sales projections using data from previous years.
- **Supervised** front-of-house / back-of-house operations by assigning staff efficient duties to best utilize labor costs.
- **Handled** customer care, scheduling and daily paperwork to create a positive environment for both staff and guests.

EDUCATION

Full Stack Software Engineering - *App Academy | Nov 2021 - Jun 2022*
Coursework in BS Graphics Information Technology UI UX - *Arizona State University | Aug 2019 - May 2020*
Coursework in BS Computer Science - *Mountain State University | Aug 2008 - May 2011*