Joshua Salcido Software Developer

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SKILLS

JavaScript, React, Node.js, Redux, Python, SQL, SQLAlchemy, Postgres, HTML, CSS, Rest API, Object Oriented Programming, Test Driven Development, Git, Troubleshooting, Adobe Photoshop, Final Cut Pro

Language - *English* and *Spanish* native bilingual proficiency

WORK EXPERIENCE

Coding Instructor - Code Ninjas | April 2023 - Present
- Provide individualized support and feedback to students ages 6-14, explain and simplify crucial fundamental concepts in a digestible way to help solidify their understanding and build a strong foundation of coding principles
- Troubleshoot and install updates for classroom equipment, Windows HP laptops, 3D printers, classroom TV monitors, tablets, oculus virtual reality headsets, screen projector.
- Lead and manage the classroom summer workshops, covering fundamentals of encryption, Minecraft development, stop motion animation and Roblox Studios Creator hub
- Communicate with parents and guide them in understanding student progress, and answer any questions about curriculum or student behaviour during check-in and check out times
- Foster a love of learning in the student classroom, encourage students and emphasize perseverance

AI Testing Engineer (Project Based Freelancer) - Scale AI | October 2023 - Present
- Created algorithm, system design, and javascript prompts based on scenarios from large language models
- Implemented RLHF (Human Feedback Loop in Reinforcement Learning) to assess and enhance the quality, readability, and comprehensiveness of code responses generated by a Large Language Model (LLM), resulting in improved model performance and accuracy
- Developed meticulously reasoned JavaScript code to illustrate how to effectively guide and elicit responses from the language model through prompts

Photographer/Videographer - SalcidoMedia | Feb 2018 - Feb 2022
- Manage and operate a professional photography and videography business in the Denver metro area

PROJECT EXPERIENCE

meScroll - *a social media platform that allows users to post, like, edit their profile, and leave comments* [live site](#) | [github](#)

Python, JavaScript , React.js , Redux, Flask, SQLAlchemy, HTML5, CSS3, Heroku, AWS, Docker
- Integrated **AWS S3** to store image files, maximizing database efficiency and improving page-load performance
- Built React Modals to create a dynamic frontend architecture leading to an easy and clear user experience
- Leveraged **Redux** state management to dynamically render the users comments, likes, and user profile updates for a seamless user experience
- Developed a **Python/Flask** back-end to create **REST API** endpoints with full CRUD operations

Stays - *a homestay listing site, users can list a stay, book a stay, and leave comments/ratings*   [live site](#) | [github](#)

JavaScript , React/Redux , Express.js , Node.js , Sequelize, PostgreSQL , HTML5, CSS3 , Heroku
- Formed JSX conditional statements to ensure user privacy and autonomy allowing users to only access their own created listings or their own created bookings
- Customized **HTML** date input with **useState** variables to avoid user errors while booking, such as booking dates in the past or booking dates backward during checkout and check-in
- Facilitated scheduling and booking CRUD through custom database operations with **PostgreSQL**
- Utilized **Redux** reducer functions to efficiently store and update the application state, in turn creating a smoother and instant user interaction experience

VOLUNTEERING

Creative Team Lead - One City Church | November 2021 - Present
- Organize and lead the creative team (graphic designers, photographers, and videographers) in producing high-quality digital materials for church events, services, social media and outreach programs

EDUCATION

App Academy | February 2022 - August 2022 | Online-Remote

Immersive 1,100-hour rigorous software development program, with a focus on full-stack web development