

ANDREW DUONG

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SKILLS

Languages: Javascript, Python, HTML, CSS, SQL

Frameworks / Tools: Node.js, Redux, Flask, Express, React, Sequelize, SQLAlchemy, PostgreSQL, Git

Key Skills: Scrum Methodologies, Object-Oriented Programming (OOP), Pair Programming, Agile Development, Test-Driven Development (TDD)

PROFESSIONAL EXPERIENCE

Elite Janitorial Services - Software Developer (Volunteer)

September 2023 – Present

- Leveraged the state management of Redux to simplify React components in the communication with Flask WTFForms to handle form data committed across multiple models
- Collaboratively developed and coded application components in an Agile environment

California Waste Solutions - Finance Analyst

October 2017 – June 2022

- Analyzed cost cutting strategies with Financial Controller and lowered operational expenses with irregular or relatively high spending; findings saved an annual amount of \$225,000 by leveraging historical data and consulting with facility managers
- Performed analysis and identified high operations payroll expense as an area of improvement; resulted in annual total cost savings of \$80,000 by reducing overtime hours and converting 10% of plant facility employees from hourly to salary

Keyscale Media – Founder

October 2018 – March 2020

- Prepared end of the month reports to measure client success and the average response time from dental staff; analyzed and found that proper expectation setting and communication increased client retention rates by 35%
- Integrated all-in-one customer relationship management (CRM) system to automate and streamline lead nurturing process, sales pipeline stage, scheduling and call reporting; implementation decreased monthly service subscription expenses by 65%

PROJECTS

Beautiful Destinations (Javascript, Express, React, Redux, HTML5, CSS)

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

- Incorporated **RESTful (REST) API** for seamless interactions between **React.js** and **Express.js** where users can utilize full **CRUD** functionality to retrieve, create, update, and delete data dynamically within the Airbnb clone
- Integrated user authentication and **Bcrypt.js** for password hashing to provide a safe user experience
- Developed an intuitive user interface by utilizing **HTML** and **CSS**

PinMe (Javascript, React, Redux, Python, Flask, SQLite, SQLAlchemy, HTML5, CSS)

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

- Leveraged **Local Storage** and **Redux** state management with **React** to provide a dynamic user experience for the Pinterest clone
- Formulated **SQL** queries through **SQLAlchemy** to quickly retrieve data in the frontend

Stack Underflow (Javascript, React, Redux, Python, Flask, SQLite, SQLAlchemy, HTML5, CSS)

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

- Collaborated with two other developers through **pair programming** while using **Agile Development** and **git** to create, design, and deploy a clone of Stack Overflow
- Expedited the seeding process of our application by formulating an algorithm in **Flask** using **Python** to quickly generate and retrieve new data

EDUCATION

