

CESAR SOLANO, Software Engineer

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New Orleans, LA.

[Portfolio](#)

[LinkedIn](#)

[Github](#)

SKILLS JavaScript . HTML 5 . CSS 3 . **React Redux** . Flask . **Express Node.js** . PostgreSQL . Sequelize . SQLAlchemy . Python . C++ . **Bilingual** (English / Spanish) .

EXPERIENCE

Teaching Assistant

App Academy (Today's most prestigious Software Engineer coding Bootcamp)

April 2022 - Present

- Hired right after graduating from its program. Over 200 performance reviews with a 4.8/5 rating.
- Provide live lectures explaining the importance of Big O Notation, Time & Space Complexity, Clean Code, Data Structures, Algorithms, and problem-solving skills.
- Full-stack project manager with a 100% passing rate. Supervised, guided, and pre-graded multiple group projects making students achieve their goals and showcase their potential and abilities.
- Work with students supporting the understanding of new materials, technologies, and homework provided to them.
- Remotely navigate students in order to solve installation problems and code bugs or to help them understand and improve their codes.

Bar Manager

Golden Lantern (Considered the most influential LGBTQ+ bar in the city of New Orleans)

Jun 2017 - April 2022

- Maximized business revenue by bringing back optimum condition of multiple appliances and by consolidating work schedule and inventory.
- Trained tens of employees with no prior experience in different areas of the industry making them capable of executing excellent performances.

Math and Physics Tutor (Venezuela)

Self-Employed & Seasonal Employee at private schools and institutes

Jant 2010 - Dec 2014

- Prepared adults and teenagers for better performance in their classes, finals, and college admission tests.
- Improved high-school students' grades from F to A in the same academic period by teaching them better study methodologies and making them passionate and self-motivated about the subjects.

PROJECTS

CoolTracker - Solo Project (*React Redux Express NodeJs PostgreSQL Javascript HTML 5 CSS 3*)

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

- Produced a rich user experience web application / **UIs** thanks to the domain of **React/Redux** tools, providing the clients multiple features to interact with their own data and other registered users.
- Build **Dynamic** responses between the client and server by making effective communication using **Express.js**.
- Designed a fully stylish interface due to the extensive use of **CSS** and **HTML**, creating pleasant use pages and **responsive** ones.
- Developed strong frontend and backend **Validations** making the database safe from unwanted data and keeping the users' information protected even from people with access to the database using technologies such as **Bcrypt**, **Express-Validator**, and **CSRF**, among others.
- Protected the web application from unauthorized activities and cross-site requests by applying JSON Web Token (**JWT**), Cross-Origin Resource Sharing (**CORS**), and **CSRF** tokens

Instaounce - Group Project (*React Redux AWS S3 Python Flask SQLAlchemy Docker PostgreSQL Javascript*) [live](#) | [github](#)

- Created multiple **React/Redux** components and hooks to ease the development of the frontend and improve users' interactivity.
- Allowed clients to easily upload pictures by applying **AWS S3** technology.
- Created efficient **API** routes using **Python's** web framework **Flask**.
- Developed an efficient Database utilizing the **ORM** Python's library **SQLAlchemy**.

EDUCATION

The University of New Orleans - Junior Student in Computer Science, 2020. Courses: Theory of Computation, Machine Learning, GPA of 4.0

AppAcademy - +1100-hours immersive Full-Stack web development program, 2021-2022.

Delgado Community College - English as a Second Language 2015-2016.

José Antonio Paez University (Venezuela) - Computer Science, 2014 (Official US equivalency of +80 semester credit hours).