CESAR SOLANO, Software Engineer

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SKILLS

JavaScript . **Typescript** . **AWS** . HTML 5 . CSS 3 . **React** . Redux . Flask . Express . **NodeJS** . PostgreSQL . DynamoDB . serverless . Sequelize . SQLAlchemy . **Python** . C++ . **Bilingual** (English / Spanish)

EXPERIENCE

Software Engineer

ISS - Green Hills Software   November 2022 - Present

- **Rapidly onboarded** and contributed to projects, resolving numerous critical bugs and enhancing software stability.
- **Completely developed** the frontend and backend components for a social **message board** for a platform serving **100,000+ users**. Demonstrated **expertise** in UI/UX design, interactivity, and **scalable backend solutions**.
- Implemented comprehensive optimizations to enhance **code efficiency, readability,** and **maintainability,** resulting in a significant reduction in redundancy and a more **modular codebase**.
- Successfully **updated and modernized legacy systems** to meet current industry standards.
- Extensive use of **AWS** services including **DynamoDB**, **CloudWatch**, and **Cognito**, alongside proficiency in Node.js, TypeScript, and **serverless architecture**, to deploy, and manage robust and scalable cloud-based solutions.

Teaching Assistant

App Academy   (Today's most prestigious Software Engineer coding Bootcamp)   April 2022 - October 2022

- Hired immediately after graduating from the program, with over 200 performance reviews averaging a 4.8/5 rating.
- Delivered live lectures on Big O Notation, Time & Space Complexity, **Clean/DRY/Consistent Code**, Data Structures, Algorithms, and problem-solving skills.
- Full-Stack **Project Manager**; supervised and guided multiple group projects, helping students achieve their goals **on time** and showcase their **full potential**.
- Provided **remote assistance (driver-navigator model)** resolving installation issues, fixing code errors, and enhancing their project understanding and quality.

Bar Manager

Golden Lantern (Considered the most influential LGBTQ+ bar in the city of New Orleans)   Jun 2017 - April 2022

- **Maximized revenue** by **optimizing employee performance** and streamlining workflows, while **training** and developing inexperienced employees to **excel** in various industry roles.
- **Highest sale ever registered** by a single employee on a business day in a 60-plus-year-old establishment.

Math and Physics Tutor (Venezuela)

Self-Employed & Seasonal Employee at private schools and institutes   Jan 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.
- Built **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 **Bcript**, **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.

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 Software Engineer program, 2021-2022.

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