Leonel Colina

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SKILLS

React, Redux, Ruby, Rails, JavaScript, HTML, CSS, Sass, SQL, Postgres, Bootstrap, MongoDB, Express.js, Node.js, AWS, JQuery, WordPress, Webpack, Git

WORKING EXPERIENCE

Contact Tracer Case Investigator

NYC Health & Hospitals   *(06/2020-4/2022)*

- Collected and parsed data on symptoms into the Customer Relationship Management System increasing the success of the outreach program to 90%.
- Dispatched approved information about quarantine or isolation procedures to contacts, and if appropriate, referred them to testing according to protocol and/or to COVID-19 resources.

English, Science and Literature Teacher

Anglo Mexican Bilingual School   *(9/2016 – 8/2017)*

- Curated and implemented the new curriculum in the areas of Grammar, Oral, Compositions, Literature and Science.
- Organized intercultural activities and festivals that spanned for weeks.

Junior Programmer

Cybernetix Services Venezuela   *(1/2015 – 8/2016)*

- Co-designed the Beta version for the new website.
- Co-Programmed the frontend utilizing HTML5, CSS3, Google maps API and JavaScript for DOM manipulation to create the demos for the graphic designers, resulting in better feedback between the design team and the programming department.
- Applied the best practices to the code created and improved and refactored legacy code by implementing Bootstrap, improving the DRY-ness of the code.

Telecommunications Engineer

ELCA Telecomunicaciones   *(3/2015 – 8/2015)*

- Assembled and installed radios inside the telecommunications shelters to establish the microwave communication, expanding the telecommunication radius in rural areas.
- Created the budget on CCTV systems for different companies, decreasing the expenses by over 15%.

PROJECTS

thinkThrough | *Ruby on Rails, React, Redux, PostgreSQL*

A comprehensive, Full Stack clone of Medium, a website where users can write about any topic.

- Ensured user privacy through the implementation of Rails validations and PostgreSQL constraints, limiting some functionalities to logged in users only.
- Integrated modular React Components to create a fast, seamless UI experience, through the implementation of the react-quill library for smooth functionality.
- Managed the global state using Redux to create scalable code, reducing dependency and making the code more readable.
- Created buckets for users to be able to host images using Amazon Web Services.

Zuri's Escape | *JavaScript, HTML, CSS, Canvas, DOM*

An vanilla JavaScript interactive game for people to practice and improve their typing skills.

- Designed a JS typing game incorporating Canvas to render a pleasing aesthetic and animations.
- Incorporated the RandomWords API to fetch the words the user would have to input, rendering them through DOM.

Pensive | *MongoDB, Mongoose, Express, React, Redux, Node.js*

A book writing management app that offers organization and distraction free inspiration to develop ideas

- Designed the frontend architecture, serving as the frontend lead, and coded the React components alongside three colleagues, ensuring the cohesiveness in components design and functionality.
- Incorporated Redux to avoid props drilling and the use of Redux state to limit unnecessary database queries, reducing load time.
- Employs modals for a seamless user experience of CRUD actions for books, characters, & other literary elements.

EDUCATIONAL BACKGROUND

Full Stack Software Development - *App Academy* | 2022

Electrical Engineering with focus on Telecommunications - *Universidad Rafael Belloso Chachin (URBE)* | 2011-2015