Leonel Colina
Software Engineer

929-371-8780 | New York, New York | leonelctang@gmail.com   Portfolio | GitHub | LinkedIn | AngelList

SKILLS

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

PROJECTS

thinkThrough | *Ruby on Rails, React, Redux, PostgreSQL, AWS*   Live | Repo

A Full-stack Medium clone - a website where users can create, like, and comment on posts.

- Ensured user privacy by implementing Rails validations and PostgreSQL constraints, limiting some functionalities to authenticated users and persisting user data after refresh.
- Integrated modular React Components to create a fast, seamless UI experience, through the implementation of the react-quill library for smooth functionality.
- Accessed and persisted data to the store using Redux to avoid props drilling, using the state to reduce load time, and implemented JBuilder to format data retrieved through rails associations reducing backend queries.
- Created S3 buckets, setting up their policies and IAM permissions for users to be able to host images using Amazon Web Services (AWS) through ActiveStorage.

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

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

- Leveraged Canvas to render a pleasing aesthetic, creating a moving background with a parallax effect and animating sprites through promises to render moving characters and avoid word overlapping.
- Incorporated the RandomWords API to fetch words and render them through DOM manipulation providing the gameplay ground for the users.

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

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

- Designed the frontend architecture as the frontend lead, coding the React components alongside three colleagues using Git branch workflow, ensuring cohesiveness in components design and functionality.
- Managed the state using Redux to create scalable code by using reducers to save the data to the global store, reducing dependency and increasing speed by limiting the queries to the database.

WORKING EXPERIENCE

Contact Tracer Case Investigator - *NYC Health & Hospitals*   *June 2020 - April 2022*

- Collected and parsed data on symptoms into the Customer Relationship Management System by Salesforce, 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 COVID-19 resources.

Junior Software Engineer - *Cybernetix Services*   *Aug 2015 - Aug 2016*

- Contributed to the development of the website front-end utilizing HTML5, CSS3, Google maps API, and JavaScript for DOM manipulation to create the demos for graphic designers, resulting in better feedback between the design team and the programming department.
- Provided consistent and essential feedback to the design team in order to refine and prioritize site MVPs.
- Refactored legacy code by implementing Bootstrap, improving readability, and reducing length by over 30%.

Telecommunications Engineer - *ELCA Telecomunicaciones*   *March 2015 - Aug 2015*

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

EDUCATION

App Academy   *Graduated Fall 2022*

- Full-stack software engineering program teaching web development fundamentals.

Universidad Rafael Belloso Chacin (URBE) - (Venezuela)

- Bachelor of Science in Electrical Engineering with a focus on Telecommunication.