Leonel Colina
Software Engineer

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SKILLS

JavaScript, React, Redux, Ruby on Rails, HTML, CSS, Python, Sass, SQL, PostgreSQL, Bootstrap, MongoDB, Express.js, Node.js, Amazon Web Services (AWS) S3, JQuery, WordPress, Webpack, Git, Docker, TypeScript, Figma, Mongoose, Sequelize

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EDUCATION

App Academy   *Graduated Fall 2022*
- FullStack Software Development bootcamp with <5% acceptance rate

Universidad Rafael Belloso Chacin (URBE) - (Venezuela)
- Bachelor of Science in Electrical Engineering with a focus on Telecommunication

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PROJECTS

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, using Git feature branch workflow, ensuring cohesiveness in components design and functionality
- Integrated modular React Components to create a fast, seamless writing experience, through the implementation of the react-quill library for smooth functionality in the text-editor for creating chapters

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 such as writing articles or liking posts to authenticated users and persisting data after refresh
- Accessed and persisted data to the store using Redux state to avoid props drilling and to reduce load time, implementing JBuilder to format data retrieved through Rails associations to reduce backend queries
- Created S3 buckets, setting up their policies and IAM permissions for users to be able to host the post images using Amazon Web Services (AWS) through ActiveStorage
- Designed React components and CSS to replicate the Medium website functionality and look pixel-perfect

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 backgrounds with a parallax effect and animating sprites through promises to render moving characters and avoid word overlapping, using the RandomWords API to fetch words and render them through DOM manipulation providing the gameplay ground for the users

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WORK EXPERIENCE

Student Support Advisor - *DeVry University*   *Mar 2023 - Jan 2024*
- Identified academic and financial obstacles by analyzing student data, and worked with students to overcome them by developing and validating estimated financial plans with clear timelines for them to ensure financial preparedness diminishing their stress and reducing total loan amounts, on average, by 30k.

Contact Tracer Case Investigator - *NYC Health & Hospitals*   *Jun 2020 - Apr 2022*
- Collected and parsed data on symptoms into the Customer Relationship Management System by Salesforce, contributing to the success of the outreach program increasing from 80% to 92%

Junior Software Engineer - *Cybernetix Services*   *Aug 2015 - Aug 2016*
- Spearheaded the development of 7 out of 10 pages for the website front-end, leveraging HTML5, CSS3, Vanilla JavaScript, Google Maps API, jQuery, and Bootstrap in collaboration with graphic designers, ensuring the the timely release of the website two weeks before the deadline. This accelerated completion empowered the team to transition to other projects sooner, resulting in a substantial increase in team productivity
- Refactored legacy code by implementing Bootstrap, improving readability, and reducing length by over 30%

Telecommunications Engineer - *ELCA Telecomunicaciones*   *Mar 2015 - Aug 2015*
- Assembled and installed radios inside multiple shelters to establish microwave communication, expanding the telecommunication radius in rural areas in 5 different counties
- Created the budget for CCTV systems for different companies, decreasing expenses by over 15%