Edwin **Menendez**

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>LANGUAGES AND TECHNOLOGIES

- **Proficient:** JavaScript, TypeScript, ReactJS, HTML5, CSS3, Webpack, AngularJS, Python, SQL, PostgreSQL, Athena, Git
- **Experienced:** React Native, jQuery, Node.js, Express, Jest, Enzyme, Pytest, AWS CDK, Glue, DynamoDB, AWS Lambda CloudFormation, S3, Docker, NoSQL, MongoDB

>PROFESSIONAL EXPERIENCE

Seven Bridges | Frontend Engineer | Boston, MA OCT 2022 - MAY 2023

- Collaborated and developed a real-time search feature with 2 developers and Project Manager where backend data was fetched dynamically as users type using Angular and Typescript resulting in a 50% reduction in search response time and an increase in user engagement with the search functionality.
- Implemented an intuitive interface that allowed users to navigate through 20+ options and refine the displayed data based on their preferences using Angular and Typescript resulting in improving user satisfaction by 14% and streamlining data exploration processes.
- Developed a user interface using Angular and TypeScript, incorporating tabs to display different sets of data within the same page, enabling users to easily navigate and view diverse data sets without changing pages, resulting in an enhanced user experience and improved data accessibility.
- Used Angular CLI to generate components, services, and modules, and to manage dependencies and build processes.
- Conducted code reviews and provided feedback to other members of the team to ensure code quality and maintainability.

ChromaCode | Software Engineer | San Diego, CA APRIL 2021 - APRIL 2022

- Automated weekly customer financial reports for CTO by creating a serverless AWS Lambda function to run on a weekly schedule using AWS CDK, python, and Docker reducing time previously spent by employees on manual querying and sending of reports from 2-3 hours to 5 minutes.
- Utilized React Router to boost loading performance by establishing static routes and to minimize server calls within single page applications.
- Introduced React Hooks by taking advantage of a functional programming paradigm to organize stateful logic inside a component into reusable isolated units as well as to encapsulate side effects of React lifecycle methods using JavaScript, improving code readability and reusability.
- Created a user interface to quickly look at all of the data in one page using React resulting in a more intuitive and user-friendly experience~ increasing client satisfaction by 30%
- Provisioned and deployed AWS resources for the company's bioinformatics data, streamlining the infrastructure provisioning process using AWS CDK, resulting in improved efficiency and reliability in managing bioinformatics data.
- Organized and led a recurring series of platform improvement meetings for a team of 12 engineers to proactively address technical debt and establish a sustainable code environment using Javascript resulting in the reduction of technical debt by 25% within one year.
- Leveraged Docker's lightweight, portable, self-sufficient containers

Reactime | Software Engineer | Los Angeles, CA Jan 2020 - Feb 2021

- Utilized TypeScript to refactor codebase for its static typing, strict object interfaces, error display at compilation time, and to increase maintainability, improve debugging experience, and increase productivity for future codebase scalability, as well as building a configuration file and modified module bundlers with Babel, compiling Typescript code into ES5 to normalize compatibility of app with different browsers.
- Reduced technical debt by leveraging Typescript and React to improve and resolve bug fixes throughout the application, resulting in enhanced stability, increased code maintainability, and improved overall performance by reducing/refactoring redundant code and creating reusable components.
- Developed comprehensive unit and integration tests for React components and Typescript functionality using Jest, resulting in an optimized development workflow, extensive code coverage, and 77% improvement in application stability and quality.

>EDUCATION

MFE Engineering , *Cal Poly Pomona* GRADUATION MAY 2019