Edwin **Menendez**

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Portfolio: https://edwinjmenendez.github.io/dev-portfolio/

>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 - AUG 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.
- Established Node.js/Express server to efficiently handle requests to myriad endpoints by engaging the middleware design pattern, writing routers and controllers to modularize backend requests with a discernible chain of responsibility, enhancing code readability.

ChromaCode | Full Stack Engineer | San Diego, CA APRIL 2021 - SEPT 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.
- Implemented SQL database to store user and application data in an ACID-compliant storage system that also helps organize complex relationships between data entries.
- 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.
- Leveraged Docker's lightweight, portable, self-sufficient containers

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

- Utilized React and developed AGILE development best practices and modular programming to iterate on an open source Chrome dev tool that helped debug state in class components; added additional support for state changes using Hooks, Context API.
- 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.
- Implemented useReducer and useContext hooks to centralize the application state while maintaining scalability and render performance, applying the flux and reducer design patterns with reusable components to produce declarative views while avoiding excessive prop-drilling.
- Leveraged TDD approach using Jest and Enzyme testing frameworks to ensure proper component functionality and continuous integration; created unit tests and utilized shallow rendering of React components.
- Product developed under tech accelerator OS Labs (opensourcelabs.io).

>EDUCATION

MFE Engineering , *Cal Poly Pomona* GRADUATION MAY 2019