

STEVEN BARRIOS

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EXPERIENCE

MAR '23 –

CONSOLIDATED EDISON INC. | NEW YORK, NY

SENIOR FRONT END ENGINEER

- Developed over 20 reusable camera components and other stateful elements using Angular, Web API, RxJS, and NGXS. Currently leading the common component library team, actively iterating on components to enhance code reusability and maintainability.
- Upgraded authentication/authorization for our applications from Azure Active Directory to Microsoft Identity Platform. Collaborated with Cloud Engineering to reconfigure the Azure infrastructure to accept new version tokens being generated and establish guide to help other teams with migration.
- Revamped the team's End-to-End testing framework, transitioning to Cypress. Ensured adherence to best practices in test-driven development, resulting in a more robust testing process and improved code quality.
- Wrote a CD pipeline action for the Cloud Engineering team, ensuring service worker registration before each environment deployment without encountering cache-busting errors. This streamlined deployment processes for all enterprise PWAs.

JAN '20 – MAR '23

CONSOLIDATED EDISON INC. | NEW YORK, NY

FRONT END ENGINEER

- Led efforts to ensure the team's first externally facing website met WCAG 2.1 compliance. Implemented lazy loading techniques for pages and CSS files, resulting in a 30% reduction in the initial bundle size. Established consistent unit-testing practices, streamlining the development team's stubbing and mocking procedures.
- Engineered a custom request deferrer to handle updating business data when users regained internet connection, utilizing a custom service worker, Angular's service worker implementation, web workers, and IndexedDB API.
- Collaborated closely with the product team and designers on a day-to-day basis to refactor and improve existing products for each team's sprints. Contributed significantly to the performance optimization and overall quality of the team's projects.

JUN '18 – DEC '19

CONSOLIDATED EDISON INC. | NEW YORK, NY

MANAGEMENT ASSOCIATE

- Completed 18-month program of project-management assignments, which were assessed by board of directors.
- Engineered Angular 8 dashboard hosted on IIS, which renders geolocation data on 4000 monitoring devices using Google Maps Platform and chart.js. Worked with stakeholders to iteratively improve UI experience; added layers to show other assets, and ability to view a selected device's data in tabular form and as a line graph of environmental and electrical data from devices.

EDUCATION

JUN '18

THE CITY COLLEGE OF NEW YORK – CUNY | NEW YORK, NY

B.ENG. COMPUTER ENGINEERING

SKILLS

WEB (CLIENT-SIDE): HTML5, CSS3, SASS, JAVASCRIPT/TYPESCRIPT, INDEXEDDB, RXJS, NGXS

WEB (SERVER-SIDE): .NET CORE, EXPRESS/NODEJS

LIBRARIES/FRAMEWORKS: ANGULAR, NGXS, RXJS, REACT

DATABASES: MSSQL, DB2, MYSQL, MONGODB

TOOLING: GIT, NPM, MICROSOFT AZURE,

HOSTING: MICROSOFT AZURE, AZURE DEVOPS – PIPELINES, ARTIFACTS, LIBRARY ,NETLIFY, GATSBY, HEROKU