RAFIQ RAMADAN

Frontend Engineer

% https://rafigramadan.com

SUMMARY

Rafiq is a Frontend Engineer with over 8 years of experience delivering full-stack React and Angular webapps, with an emphasis on component-driven design architecture and accessible UI/UX solutions.

EXPERIENCE

Senior Consultant - Frontend Engineer

Deloitte

Mar 2022 - Present

Individual Online Account: Forms — Dept. of Treasury: IRS

- Led the design and development of a functional UI suite for embedded forms, enhancing the user experience for 23 million unique users between 2023 and 2025.
- Developed comprehensive Jest unit test suites, achieving a minimum of 80% code coverage across the application.
- Leveraged the React Context API to maintain data state integrity across the application's notification system.
- Mentored junior developers via peer code reviews and regular one-on-one design/engineering discussions, fostering a collaborative environment.

AngularJS Modernization: Internal — Michigan DHHS

- Revitalized legacy AngularJS application with migration to Material-UI React, improving maintainability and application speed.
- Implemented state management and async API endpoints using Redux thunk middleware, improving application responsiveness.

Angular Admin Console: Audits — Texas DoT

- Simplified end-to-end API with improved SQL and Hibernate persistence wrappers, reducing the number of necessary API calls by 50%.
- Refactored synchronous code to utilize Angular RXJS observables, improving data load times and time-to-interactive (TTI).
- Investigated version-specific bugs in a third-party UI component library and advised project management about the risks and benefits of a system-wide version update.

Systems Developer

Accenture Federal Services

m Jun 2017 - Mar 2022

Federal Student Aid (FSA) — Dept. of Education

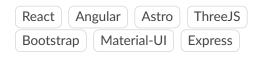
- Designed and developed standalone components for an agile team component library, enhancing re-usability.
- Configured Hibernate criterion and API response body structures for a custom Selenium persistence layer, improving data handling efficiency.
- Led a Typescript modernization effort that showcased the benefits of using a component-driven design to streamline development processes.
- Spearheaded a design overhaul for Section 508 compliance, ensuring the application met accessibility standards.

LANGUAGES

JavaScript TypeScript HTML5

CSS3 SQL Java C#

FRAMEWORKS



TECHNOLOGIES



EDUCATION

BS Biology | BA Religious Studies

University of Missouri

C# Certification

University of Washington

Agile Certification

ICagile

PROJECTS

AstroJS Static-Generated Sites

Astro, Tailwind CSS, React, NodeJS

 SEO-optimized static site with on-demand React hydration.

ThreeJS Portfolio

ThreeJS, JavaScript, HTML5, CSS3

₩ Nov 2023

Static site with generated 3D WebGL objects.

Top 5 Spotify

React, Bootstrap, Express, Axios

March 2018

 Leverages Spotify API to authenticate & fetch user data.