

# RAFIQ RAMADAN

## Frontend Engineer

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## 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

📅 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

React    Angular    Astro    ThreeJS  
Bootstrap    Material-UI    Express

## TECHNOLOGIES

Tailwind CSS    NodeJS    Axios    Vite  
AWS    Section 508    JQuery    Agile  
Git    Redux    MySQL    Firebase

## EDUCATION

### BS Biology | BA Religious Studies

University of Missouri

📅 Aug 2010 – Dec 2013

### C# Certification

University of Washington

📅 Sep 2016 – May 2017

### Agile Certification

ICagile

📅 Sep 2019

## PROJECTS

### AstroJS Static-Generated Sites

Astro, Tailwind CSS, React, NodeJS

📅 Jan 2025

- 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.