

# Emmanuel Rocha

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## Education

Dec 2019

**The University of Texas at Arlington**

B.S. in Computer Science

## Experience

2021 - Present

**Microsoft (Dallas, TX)** – Software Engineer, MWT

2020 - October 2021

**Tyler Technologies (Plano, TX)** – Software Developer, eSolutions C&J

I worked on re: Search, a court case search application that spans multiple states. My duties consisted of developing and maintaining back-end services, internal tooling, and the customer-facing web client. This was done in modern frameworks such as .Net Core and Angular, with high exposure to various AWS services and ElasticSearch. Some notable contributions include:

- Built a user migration tool to automate the onboarding process for a state-wide Maine release. The tool maintains existing access permissions, such as the association between attorneys and their bar number.
- Moved and updated several financial and marketing reports from PowerShell scripts to Hangfire jobs.
- Added hearings schema for data imports in ElasticSearch.
- Added jurisdiction-based re-mappings for code types and filing codes in ElasticSearch.

2020 - July 2021

**FullBasket LLC (Round Rock, TX)** – Co-Founder

- Co-Founded FullBasket LLC a mobile grocery delivery service.
- Built front-end clients for the company's delivery service using the Flutter framework. This included a published app store/google play store customer app, an internal delivery driver app, and a management system web app. Enabled communication between these components through the use of client-side socket.IO, firebase push notifications, and general usage of the provider state management system.
- Translated business requirements into technical requirements.
- Led one on one meetings with UX designer and illustrator.

## Skills

**Languages:** C#, Javascript, Dart, SQL, Python, HTML, CSS

**Frameworks:** .NET, Entity Framework, Flutter, NodeJS, AngularJS, ReactJS

**Databases:** Microsoft SQL, Firebase Realtime Database, MongoDB, Cloud Firestore

**Tools and Software:** Visual Studio, Visual Studio Code, Jira, MSSMS, GitKraken, Git, Postman