

Anthony Almanza

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TECHNICAL SKILLS & LANGUAGES

Proficient:

C#, Javascript, Typescript,
HTML, CSS

Frameworks:

.NET, .NET Core, Angular, MVC, NUnit, LINQ, Jasmine, NgRx, WebdriverIO

Other:

Familiar:

Java, C++, SQL, Ruby, Go

Microsoft Azure, Agile, Feature Toggles, Git, Github, Jira, Node.js, Postman, RabbitMQ,
RESTful Services, Scrum, Splunk, Unity, Unreal Engine

PROFESSIONAL EXPERIENCE

SOFTWARE ENGINEER: *Microsoft; Microsoft Mixed Reality*

(March 2022 - March 2024)

- Delivered a high-quality multiplatform **Unity** application for **Meta Quest, Windows, and WebGL**, ensuring project success through effective collaboration within a dynamic team environment.
- Collaborated with an external team to develop chat functionality within a **Unity** application, integrating their data to enhance emoji support for a **virtual reality environment**.
- Adapted and implemented whiteboard functionality in **Unity** for use in a virtual reality environment.
- Implemented **automated tests** to support the maintenance and optimization of avatar rendering, utilizing custom LOD settings to minimize internet data traffic.
- Automated unit testing, build management, and **performance** benchmark analysis using **PowerShell** in the **Azure** build pipeline, ensuring stable build sizes.

SOFTWARE ENGINEER: *Fisher Investments*

(July 2021 - March 2022)

- Created multiple back-end microservices to consume data from **RabbitMQ**, and process the data for internal use within the company.

FULL STACK SOFTWARE ENGINEER: *Charles Schwab*

(July 2018 - July 2021)

- Created and deployed multiple **RESTful** web services using **C#/.NET Core** into cloud environments.
- Managed development and coordinated external team collaborations for **microservice** integration.
- Boosted microservices performance by 300% through **asynchronous tasks** and **parallelization**.
- Created and maintained a front-end application utilizing **Typescript, Angular, and NgRx**.
- Enhanced project efficiency and team collaboration by building and maintaining **CI/CD** pipelines in an **Agile** development environment using Bamboo.
- Applied **Behavior-Driven** and **Test-Driven Development** methodologies to enhance the development process.
- Migrated the front-end test suite from **Ruby** to **WebdriverIO**.
- Acted as the **release engineer** for multiple front-end and backend application deployments.
- Engaged with product managers and stakeholders to ensure frequent and **high-quality** releases.
- Implemented **Feature Toggles** to safely introduce new features in production environments.
- Ensured web application compliance with high **accessibility standards**, incorporating tools like screen readers.
- Collaborated with the analytics team to provide essential data and assisted in creating **Splunk** dashboards and alerts, enhancing decision-making and measuring **Key Performance Indicators** for our product's future.

SOFTWARE ENGINEER: *FDM Group*

(November 2017 - June 2018)

- Created web services utilizing **Java, Spring, and Spring JDBC**.
- Used **Oracle SQL Developer** to manage our database and create and manage **SQL** queries.

IT SUPPORT TECHNICIAN II: *Midland Memorial Hospital*

(April 2017 - September 2017)

EDUCATION

Bachelor of Science in Computer Science: *University of Texas of the Permian Basin*

(Fall 2014 - Spring 2017)