

ADRIANA GUERRA



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SKILLS

- .NET Core
- Blazor
- C#
- JavaScript
- TypeScript
- GraphQL
- Angular
- React.js
- .NET Framework
- SQL
- Git
- Azure DevOps

EDUCATION

UC BERKELEY

BA in Cognitive
Science

SOFT SKILLS

- Leadership
- Teaching/Mentoring
- Troubleshooting
- Communication

LANGUAGES

- English: Native
- Spanish: Fluent
- French: Proficient

ADDITIONAL

US Citizen

EXPERIENCE

SOFTWARE ENGINEER • Thermon, Sep 2020 - Present

- Led front-end development of a distributed .Net Core application using Blazor, GraphQL and custom TypeScript libraries.
- Worked with a team to develop an innovative application to support a network of custom wireless devices on a mesh network using .Net Core, Blazor, SQL and RabbitMQ.
- Prototyped options to use Docker containers to assist in deployment of application components and prerequisites.
- Proposed and developed proof of concept to use SignalR to broadcast live updates to the front-end of a web application to provide real time updates, allowing decoupling of front-end and back-end.
- Customized Azure DevOps to assist in process adherence.
- Developed Validation and Build pipelines in Azure DevOps.

SYSTEM ANALYST V • Texas Health and Human Services, Jan 2020 - Sep 2020

- Assessed vulnerabilities in a mission-critical application found to have serious security flaws and proposed best course of action to remedy security and privacy vulnerabilities.
- Formed an Agile team in a traditionally waterfall organization to develop an application in .Net Core, Angular, and SQL.
- Served as primary developer for the front-end application and trained other team members to assist in Angular development.
- Worked with accessibility and security teams to address accessibility and security concerns in application before deployment.
- Prepared deployment infrastructure and process for new application, including server set-up scripts and defining deployment packages for Dev, Staging, and Production servers.

PROGRAMMER III • Texas Health and Human Services, Jul 2019 - Jan 2020

- Worked with customers to redefine the scope and prioritize the functions of a .NET web application that had been on hold since 2018 and developed a file uploading and data processing web app using .NET Razor pages, C#, MSSQL, JavaScript, JQuery, and HTML to meet customer requirements.
- Used Razor Pages, C#, HTML, JavaScript, JQuery, and CSS to update a .NET website to meet specifications provided by a user experience designer.
- Advised on options to get survey data into an existing application and developed a multi-step React.js web form application with a .Net Core API web service to meet user requirements.

SOFTWARE DEVELOPER • Bubble Manager & Bubble Cert, Aug 2017 - Present

- Developed customized SaaS business management software for SCUBA centers using MS Access and VBA.
- Streamlined the customer registration process through a dynamic and responsive web-form.
- Simplified customer enrollment with international SCUBA agencies by integrating our custom business management system with online diver registries.
- Developed installation and configuration scripts.
- Built a web app for SCUBA instructors and SCUBA centers to simplify the registration and certification of students with international SCUBA agencies.