

► PROFILE

Hi, I'm Catrina,
a self-motivated developer successful in adapting to the latest technologies to continually imagine creative solutions that span a 20 year career in web development.

► EDUCATION

Sarah Lawrence College
Bachelor of Arts (2001)
New York, NY


Courses in: C++, Java,
Basic front end design.

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CATRINA P. ZAPATA

FULL STACK .NET DEVELOPER

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► WORK EXPERIENCE

Integration Developer 2022 -
StrikeUSA (Houston)

Worked with a variety of large projects using .NET, NodeJS, SQL, Azure and other technologies to integrate systems with a variety of third party APIs.

.NET Developer 2001 -2022
Swiff-Train Company / STCFloors (Houston)

Initially began with ASP Classic and tech support, progressed to PHP developer and then NET developer.

► TECHNOLOGIES & TOOLS

BACKEND

- .NET CORE 6, C#
- MS SQL/Azure SQL
- REST APIs

ENVIRONMENT

- Visual Studio
- Visual Studio Code
- GitHub

FRONTEND

- Bootstrap/Bulma CSS
- Javascript
- Blazor

DEPLOYMENT

- Windows IIS
- Azure Cloud
- Linux (LAMP)

► OTHER TECHNOLOGIES & TOOLS

Entity Framework, Dapper, SQLServer, MySQL, LINQ, PHP, ASP, Java, JQuery, C++, HTML, JS, CSS, JSON, Azure Cloud (Apps, Storage, Functions), GitHub, Postman *(full list on request)*

► PROJECTS

ONE SOURCE, MANY SITES

.NET Core, API, PHP, WordPress

PROBLEM:

Use one product database for a variety of different sites, while keeping the front end user-friendly enough for employees to update.

SOLUTION:

- Created a .NET website for a friendly API interface over database
- Custom wrote PHP plugin that interacts with .NET API to display products
- Streamlined it all into a WordPress front-end for easy editing

DRIVER TRACKING

.NET Core, API, SQL

PROBLEM:

Integrate additions, updates, terminations and rehires with third party Active Directory Management API.

SOLUTION:

- Accessed Active Directory directly for employee status
- Processed creation, update, termination, licensing with API
- Tracked all changes, success, errors in Activity Log accessible by team through SQL

REAL-TIME PAYMENTS

.NET Core, Payment APIs, iSeries(as400), PHP

PROBLEM: Legacy system (as400) is not receiving real-time payment information from checkout locations.

SOLUTION:

- Created a .NET website for employees to check customer billing and collect payment using payment gateways
- Applied 3rd party payment gateways for checks/credit cards in order to achieve PCI compliance
- Wrote a PHP API on as400 to sync legacy with .NET website