

NICHOLAS SPEARS

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JUNIOR FULL STACK DEVELOPER

FRONT END

HTML 5
JAVASCRIPT

CSS 3
JQUERY

BOOTSTRAP
AJAX

BACK END

C#
SQL
PHP

ASP.NET
TSQL
NODEJS

ASP.NET MVC
LINQ
MYSQL

GRAPHIC DESIGN

ADOBE PHOTOSHOP

LIGHTWORKS

PIXLR

WEB HOSTING

TRADITIONAL

AZURE

AMAZON WEB SERVICES (AWS)

TECHNOLOGY PLATFORMS

LAMP STACK
WORDPRESS

GITHUB
GIT BASH

VISUAL STUDIO
SQL SERVER

- Most recently launched a massive passion project at theaftermath.games using C# MVC, Bootstrap, JQuery, SignalR, and SSMS on Azure in order to provide a platform for real time, chat based, role playing game hosting. Exemplifies skills in web development, database design and manipulation, responsive web design, graphic arts, video editing, and UI construction. Was originally hosted on AWS using the LAMP stack with NodeJS and SocketIO for asynchronous requirements, but ran into several issues regarding CORS and expense management within the AWS framework. Both deployments allowed considerable exploration of the cloud computing solutions and practices presently in high demand.
- Assisted in deployment of an antique restoration and architectural salvage e-commerce platform utilizing Stripe.
- Created a property management system designed for a private landlord regarding all aspects of home and tenant management services within a web based application with C# MVC, .NET cryptography (Aes / RSA), SSMS, JQuery, and Bootstrap. Primary function was scheduling property showings, rental applications, vacancies, provide point of contact, service and work orders, appliance installation, repair, and replacement as well as extensive data storage and encryption at rest for the sake of all parties involved during the pandemic.
- Developed an e-commerce site with Wordpress and Zencart focused on alternative medicine, nutrition and dietary advice, and eco-friendly holistics that also served as a blogging column linked to both Facebook and Instagram.
- Built a cross referencing site for venue comparison, event booking, and merchandise or ticket sales for both musicians and attendees in regards to NYC's local and underground music scene. Most of this system revolved around email automation.
- Extensive contributions to front end development of a private homeowner, home renovation, and local business networking and marketing system centered on property restorations and real estate resources for listings sold below market value "as is".
- Delivered numerous site renovations during the Mobile First and Responsive Web Design "push" before learning of the awesome time saving capabilities of Bootstrap and JQuery; this translates to a vast comprehension of DOM management, media queries, and CSS manipulation.
- Launched a plethora of personal portfolio sites for all manner of artists, artisans, and craftsmen as well as restaurants and catering businesses. The vast majority were static, but occasionally some did require non-relational databases for organizational or deployment purposes.
- Edited source code for multiple Wordpress themes in order to customize appearance and delivery to personal tastes.
- Possess the unique ability to assess and explain client requirements and solutions in "Plain English".
- Ready and willing to learn anything and everything!

EDUCATION

- **Empower Full Stack Development Certificate** – Administered by SightSource LLC (Summer 2018)
- **Bachelors Degree in IT Management with Business Minor** – University of Richmond (Class of 2014)
- **Associates Degree in Web Design and Administration** – J Sargeant Reynolds (Class of 2012)