Ryan Horton

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Technical Summary

Technologies C#, .NET, .NET Core, AngularJS, Angular, jQuery, JavaScript, HTML, CSS, T-SQL, Bootstrap, XML, JSON, git, REST, FTP, Web API2, NuGet, Node.js, Gulp, SQL Server, SSIS, SSRS, VB.NET, Agile

Professional Experience

Notions Marketing   **Grand Rapids, MI**   **03/17 – Present**
Data Driven Applications Developer

- Built a reusable and customizable framework for data driven applications using WebAPI2 for the backend that can be called by any front-end JavaScript framework.
- Managed the entire SDLC on a fabric manufacturing application including all phases of integration, receiving, stocking, selection, cutting and packaging.
- Developed a workflow management application for receiving that tracked vendor compliance and generate fines for violations.
- Warehoused employee data from the ADP RestAPI to be used for security on applications and synchronize Active Directory.
- Provided support and code review on java-based data integrations
- Worked in concert with Senior IT Manager to build a new testing and verification platform from the ground up that is used across the entire software development team.
- Increased efficiency in Quality Control by creating an application to capture data and report on immediately.
- Managed security, permissions, maintenance, migrations, upgrades and performance on several SQL Server databases.
- Provided maintenance and bug fixes on WordPress applications built on php and MySQL

> *Languages Used*:
> **C# / .NET** - Data Layer using WebAPI for framework used with multiple sites; Developed console applications for data integrations.
> **AngularJS/Angular** – Used primarily components and factories for a modular approach, creating reusable code.
> **SQL** – Designed database, stored procedures and complex queries to help support applications and reports.
> **Bootstrap/CSS/HTML** – Styling, Markup, Transitions and Animations for front-end code.
> **SSIS / SSRS** – Used SQL Server tools to develop ETL and Reporting tools for employee data.

National Heritage Academies   **Grand Rapids, MI**   **08/12 – 3/17**
Senior Business Intelligence Applications Developer (8/15 – 3/17)
Business Intelligence Developer (8/12 – 8/15)

- Developed a single website to house all reports in a central location that featured user driven publishing and sharing.
- Worked as a lead on a team of two with responsibility in growing myself and others skill sets.
- Developed a data driven custom report builder where users could filter their rows and select columns based on criteria provided from a database.
- Consolidated and upgraded all existing websites to modern technologies such as Angular and C#.
- Built JavaScript libraries that could be consumable by multiple developers in the organization to connect to content and data easily and efficiently.
- Developed business intelligence reports using Tableau and JavaScript libraries such as Highcharts to deliver data analysis in a UI friendly and centrally accessible environment.
- Presented at the Tableau Customer Conference regarding JavaScript API.

> *Languages Used:*
> **C#** - Business layer using the MVC framework and ASP.NET to set up models and methods to deliver data between the front and back end using XML and JSON for numerous reporting websites and applications.
> **AGILE** – Worked loosely with IT in an agile environment for ETL and student reports
> **AngularJS** – Primary front-end tool for development on websites for the company. Includes the use of Factories, Directives, Services, Controllers and Filters. Developed websites using routing to achieve a modular approach for code reusability and scalability.
> **Bootstrap/CSS/HTML** – Styling and markup for positioning of elements in the DOM.
> **SQL** – Wrote extensive queries for retrieval of data to be viewed and modified by users. Designed and created databases, tables and stored procedures for use with data warehouse and web applications.
> **SSIS / SSRS** – Built numerous reports and ETL packages for reporting on student assessment scores.

PROFESSIONAL EXPERIENCE (cont.)

EDUStaff, LLC **Byron Center, MI** **08/10 – 08/12**
Senior Applications Specialist
- Network support for client machines and servers.
- Maintained email, web, database and file servers.

  Languages Used:
  VB.net - Primary language to communicate with front end and back end.
  jQuery/JavaScript – DOM manipulation and validation. Used AJAX to send data between front end and back end.
  CSS/HTML - Styling and markup for positioning of elements in the DOM.
  SQL – Developed and maintained six databases for a custom-built payroll application, web and internal management application.

Professional Educational Services Group **Caledonia, MI** **10/08 – 08/10**
Senior Programmer
- Built and maintained multiple ASP.net websites with a SQL backend.
- Developed numerous internal applications to help streamline procedures.
- Help desk support.

EDUCATION
Western Michigan University **Kalamazoo, MI** **Graduated 2008**
B.B.A., Computer Information Systems
- Senior Project nominated for Business College Awards

  Transfer credits from:
- Kalamazoo Valley Community College (2004-2006), and
- Oakland Community College (2002-2004)