

Jacob Parker

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TECHNOLOGIES

- Programming Languages: C#, JavaScript
- Web Development: HTML/CSS, AngularJS, VueJS, Bootstrap 4
- Database: SQL Server
- Business Intelligence: SSIS Packages, Tableau
- Tools: Slack, Trello, GitHub, Wrike, CMS (Wordpress)

EDUCATION

Master of Science, Software Engineering

Aug 2016 - May 2018

Regis University

- Utilize SQL Server for user authentication service and implement MVC architecture pattern within Agile environment.
- Develop a web-based application and console software solution in .NET environment with C# using Visual Studio and a use-case driven process.
- Develop fully functional, responsive web applications using HTML/HTML5, CSS3, JavaScript, AngularJS, and JQuery.

Bachelor of Arts, Spanish

Aug 2007 - May 2011

Indiana University

EXPERIENCE

Business Intelligence Developer

April 2019 – Current

Denver Center for the Performing Arts

Key Accomplishments:

- Built and maintained customized full-scale Tableau dashboard for multiple departments which included ETL processes, a custom SSIS package, and data migration from original server to development server.
- Created and deployed data dictionary using .NET environment with server-side stored procedures and client-side data transformation.

Primary Responsibilities:

- Develop and maintain SSRS reports to be hosted on SharePoint.
- Develop and manage BI solutions by mining and transforming data to identify trends.
- Design, develop, and deploy Tableau dashboards to meet business needs.
- Manage SQL batch jobs to ensure accurate and timely nightly processing.
- Develop fully functional and responsive web applications using HTML/CSS, JavaScript, VueJS, and any other technologies that meets business needs.

Software Developer

August 2018 – April 2019

University of Colorado

Key Accomplishments:

- Built ASP.NET, MVC, and C# applications for cancer research centers throughout the University of Colorado network to include Anschutz Medical Hospital, Children's Medical Center, and UCHHealth.
- Developed custom website for School of Public Health to enhance user experience and user interfaces using responsive technologies.

Primary Responsibilities:

- Using the Software Development Life Cycle (SDLC), developed and supported content-based websites with JavaScript, CSS, HTML, or other JavaScript frameworks such as JQuery, Bootstrap, Angular, and VueJS.
- Participated in data mapping activities and ETL processes as needed.
- Produced and maintained documentation for applications and processes.
- Applied and consumed REST APIs
- Continued development of skills and expertise on current and emerging technologies.
- Participated in code reviews.

Software Developer

October 2017 – August 2018

Denver Center for the Performing Arts

Key Accomplishments:

- Created and deployed in-house personal captioning device that is currently being used in most performances to assist the deaf and hard-of-hearing community in understanding the spoken words on stage.
- Developed SQL queries in Microsoft SQL Server Management Studio to better enhance data management throughout the organization.

Primary Responsibilities:

- Developed desktop and iOS applications as well as SQL database reports.
- Wrote procedural documentation for managing custom SQL jobs and stored procedures.
- Implemented software solutions using use-case driven process in Agile Dev environment. Developed fully functional and responsive web applications using HTML/CSS, JavaScript, jQuery, JSON, and Ajax.
- Implemented and customized the development of off-the-shelf applications.
- Conducted automated and manual unit tests to ensure source code is fit for use.
- Executed and monitored standards for user interfaces, page design and graphics development.
- Developed standards, establishing guidelines and best practices for application development and maintenance, as well as consulted on new and ongoing development efforts.

Analyst

September 2015 – October 2017

Denver Art Museum

Key Accomplishments:

- Performed complex business intelligence reporting by extracting necessary data and implementing recommendations based on interpretations of data.

Primary Responsibilities:

- Assisted in SQL queries and web development for internal-only website using server-side stored procedures, HTML/CSS, JavaScript, and Python.
- Analyzed and monitored all data transactions for museum.
- Managed large-scale project to include forecasting trends and analyzing resulting data.