

# ROBERT DONALDSON JR

## FULL STACK .NET APPLICATION DEVELOPER



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### OBJECTIVE

Creative and analytical problem solver with over 18 years of information technology experience, seeking full-stack .NET web development or software engineering role where being challenged, writing clean object-oriented code, solving interesting problems and helping others are valued.

### SKILLS

**LANGUAGES:** C#, JavaScript, SQL, Cypher, HTML5, CSS/SASS, VBScript, PHP

**CLIENT-SIDE FRAMEWORKS:** Bootstrap, jQuery, Knockout JS

**SERVER-SIDE FRAMEWORKS:** ASP.Net 4.7, ASP.NET Web Forms, ASP.Net MVC, Dot Net Core, Entity Framework

**DATA & DATA EXCHANGE:** SQL Server, SQL (Complex queries, Triggers and Stored Procedures), MySQL, Neo4j & Cypher, Access, XML, JSON

**OS:** Windows, Linux

**WEB SERVICES & PROTOCOLS:** HTTP(S), SMTP, FTP, SSH, SSL, REST

**IDE & TOOLS:** Visual Studio, Visual Studio Code, SQL Server Management Studio, MySQL Workbench, Adobe CS, AutoRest, Swagger, PowerShell, Node.js

**VERSION CONTROL:** GIT, TFS, Bit Bucket

**PROJECT TRACKING & METHODOLOGIES:** Jira, TFS, Agile, Scrum, Test Driven,

### EXPERIENCE

**.Net Software Engineer**

**BENSON HILL**

**BIO SYSTEMS**

SEP 2017 - PRESENT (OLIVETTE, MISSOURI)

- Gathers and documents software requirements for internal pipeline software projects.
- Writes database models (code first EF and Graph Tools) and developed Web API interfaces and services that return JSON data from NEO4J graph and SQL Server RDBMS databases
- Develops client-side applications that used JQUERY to make AJAX requests to MVC controllers.
- Uses tools like Swagger and AutoRest to document and generate proxy classes.
- Manages code with GIT and does pull requests for Test, UAT and Production environments
- Provides user support and identifies, fixes, documents and deploys bug fixes.

## SQL Database Developer **biomedical** *systems*

OCT 2016 - AUG 2017 (MARYLAND HEIGHTS, MISSOURI)

- Designed, developed and documented TSQL and SaS programs to process clinical study data from SQL Server RDBMS.
- Developed QC processes, including code validation and testing applications, to verify validity of clinical data collected.
- Implemented data management plans designed to meet project and protocol deadlines
- Facilitated review sessions with business users and other team members to identify and document business needs and data quality rules
- Performed root cause analysis on data anomalies and resolve study data issues

## .Net Web Software Engineer



NOV 2015 - SEP 2016 (MARYLAND HEIGHTS, MISSOURI)

- Designed frontend prototypes with HTML, CSS, Bootstrap and jQuery
- Developed Sitecore websites and assisted in web projects for Spellman HV, City of Sioux Falls, Dierbergs, and Society of St. Vincent de Paul
- Learned Sitecore 8.1, Visual Studio, & ASP.NET C# programming
- Collaborated with developers and project managers on client projects
- Attended client meetings to gather user requirements

## Data Analyst & Labeling Specialist



MAR 2012 - SEP 2015 (HAZELWOOD, MISSOURI)

- Developed in-house tools to generate unique global trade identification numbers (GTINs) for pharmaceutical products and store them in database repositories
- Wrote SQL and T-SQL reports enabling Regulatory Affairs project managers to rapidly identify and make internal and FDA mandated labeling changes
- Prepared and validated product drug listings written in XML, ensuring product listing compliance with FDA guidelines
- Wrote and updated standard operating procedures, work instructions and documentation for training new and existing users
- Served as administrator of GlobalVision proofing software suite, supporting project managers and proofers both at corporate and plant level
- Designed and maintained Access and SQL Server 2012 databases and wrote SQL/T-SQL, ad hoc reports and stored procedures
- Wrote VBA desktop applications, SQL Server Stored Procedures and Triggers, and Web Applications.



## EDUCATION

### AAS-Computer Information Systems



1994-1997 (BELLEVILLE, ILLINOIS)

Graduated with Honors (3.65 GPA) and elected o 1997 Who's Who of American Junior Colleges.