

Nicholas Hain
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Summary

Determined application developer with a thirst for learning and a drive to succeed, with a strong knowledge of algorithms and data structures. C# asp.NET developer with proven success in building RESTful API's, webforms, MVC applications, and working in Entity Framework and Linq to provide an effective way to transmit and receive data.

Skills

- Software Development
- API Development
- OOP
- Coding & Scripting
- Debugging & Troubleshooting
- Solutions Development
- GUI Design
- Web Development

Languages: ASP.NET (C# [Web Forms, RESTful APIs {Entity Framework, Linq, Testing & Documentation via Swagger}, MVC, WinForms] VB.NET [Web Forms]), Microsoft SQL (Crafting Queries, Creating Tables, Stored Procedures, Creating Views, Table-Valued Functions, Scalar-Valued Functions), HTML, CSS (Bootstrap, Bootstrap-based libraries), JavaScript (jQuery), Java, C++, MIPS Assembly, Android Programming Language (Java, XML), Node.js, DynamoDB, PHP

Experience

RagnaSoft, Inc. www.ragnasoft.com Lancaster, PA, October 2019 to Present

Software Developer

- Built additional features/reports/bug fixes into PlanIt Web VB.NET application (Bootstrap, jQuery, SQL Database)
- Modified internal asp.NET C# MVC application for settings accrual rules for clients (including changes to API)
- Built internal API for internal application in asp.NET C# MC

Bath Fitter Lewisberry, PA, February 2019 to October 2019

Application Developer

- Created RESTful API's in C# ASP.NET, which support CRUD operations using Entity Framework and Linq
 - Six API's were written to assist numerous departments, including Sales, Installation, Scheduling, Service, Warranty, and Call Center
- Added to existing in-house applications (written in VB.NET with a Microsoft SQL Server for data access)
- Optimized Microsoft SQL queries, views, stored procedures, and functions

CNH Industrial New Holland, PA, May 2018 to February 2019; February 2020 – June 2020

Data Analyst

- Created a user-friendly web form application in asp.NET C# that reads data from a Microsoft SQL server and creates a downloadable Excel file with results; application running on an IIS server
 - Created a Windows Forms application that performs a fuzzy matching algorithm on customers gathered from customer database
 - Created a web application in C# asp.NET for finance department that generates reports based off of their criteria and exports it to an Excel file
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Education

The Pennsylvania State University
Middletown, PA Computer Science
Bachelor of Science, December 2017
