**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 | * Debugging & Troubleshooting |
| * API Development | * Solutions Development |
| * OOP | * GUI Design |
| * Coding & Scripting | * 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**](http://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

**Education**

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