**Isaac Manayath**

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**SUMMARY:**

* 5+ **years** of professional experience in IT industry as a Software Developer and Designer with using **ASP.NET WEB API**, **ASP.NET MVC** 4.0/3.0, **ASP.NET** 4.0/3.5/3.0, **C#,** **.NET Framework** 4.0/3.5, **Microsoft** **Technologies**, **Node.JS, Express.JS, AngularJS, Angular 2**, **AJAX**, **JavaScript**, **jQuery**, **HTML, CSS, and Web Service, SQL Server** 2014/2012/2008R2/2008, **Mongo DB, ADO.Net, Visual Studio** 2015/2012/2010/2008, **IIS** 7.0/6.0.
* Experience in all phases of **SDLC** like Requirement Analysis, Implementation, testing and Maintenance.
* Experienced in creating **Single Page Application(SPA)** with loading multiple views using route services and adding more user experience to make dynamic by using **Angular 2.0** framework and **Node JS**.
* Hands-on Experience in creating Components, Routers, Custom Directives, Pipes, Services through dependency injection using Angular JS and Angular 2 + TypeScript.
* Experience working with the MEAN Stack (Mongo, ExpressJS, Angular 2, NodeJS).
* Strong understanding in creating **Controllers, Action methods, Custom Handlers,** **Custom Action filters, Custom Data validation attributes**, **View** **Models**, **Views**, **Partial** **Views** with using **ASP.NET MVC.**
* Highly proficient in design and implementation of the database using **SQL server**, writing **Constraints, Indexes, Views, Stored Procedures, Cursors, Triggers, and User Defined Functions.**
* Experience in using **NoSQL** databases such as **MongoDB**
* Expertise in writing business solution using **Object** **Oriented** **Concepts** with **.NET Framework.**
* Worked extensively in managing database with using **ADO.NET**, **Entity** **Framework**, and **LINQ**
* Expertise in creating **RESTful API**’s using Node.js, Express.js, Mongoose and MongoDB
* Experience in securing web applications using ASP.NET authentication and authorization mechanisms.
* Worked with the Version Control Systems like **Team Foundation Server (TFS)** and GitHub.
* Debugged and tested using Moq, NUnit, Jasmine, Batarang, and Fiddler.
* Excellent Team Player with Strong interpersonal communication skills.

**TECHNICAL SKILLS:**

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| **Programming Languages** | C#, .Net, T-Sql |
| **Web Technologies** | ASP.NET, MVC 4.0/3.0, ASP.Net Ajax 3.0/2.0, JavaScript, jQuery, HTML5, NodeJS,  ExpressJS, AngularJS, Angular 2 |
| **UI Technologies** | CSS 3, SASS, Bootstrap |
| **IDE Tools** | Visual Studio, SQL Server Management Studio, Sublime Text |
| **Databases** | MS SQL Server 2008,2012 r2,2014 sp3, Mongo DB |
| **Version Control Tools** | Team Foundation Server (2008), GitHub, Git Bash |
| **Middleware** | ADO.NET 2012, Web Services |

**PROFESSIONAL EXPERIENCE:**

**American Express, New York City, NY September 2017 - Present**

**Role**: Angular 2 Developer

**Description**: American Express, is an American multinational financial services corporation with 110 million cards-in-force. The primary objective of this software was to make recruiting easier for human resources at American Express. The application helps HR to match candidates to right job requirements from departments or branches to get the applicant in the right position. HR can easily schedule interviews for applicants, and track them during their interview period. The applicant can get notification on their interview status, interview time, and pre-screening questions through an email feature of the application, which helps them to keep up to date on their interview status. There is even an analytics and reporting tool to evaluate candidates based on past results, which helps a HR to place a job applicant in the right spot. In the development of the application, I was involved in the process of designing and applicant search, managing candidates profile and approve jobs features. The styling of the internal website was done in bootstrap, and angular 2 was the main framework was used for this project due to its fast response time between pages.

**Responsibilities:**

* Developed project using **MongoDB, Express, Angular 2, Node.JS, JavaScript, TypeScript, HTML5, CSS3** and **Bootstrap**
* Developed various Angular 2 **Components, Modules,** **Services** (observable/promises) and **Pipes** using TypeScript.
* Used **angular validation controls** so it can help managers to fill forms easier.
* Created a search function so that managers can look for specific job seekers.
* Implemented **mongoose npm library** for our **angular2** application to use **mongoDB** for database connection
* Used **bodyparser** npm library to handle incoming requests from the client side to interpret the data more clearly
* Used **node JavaScript server-side** environment due to its many **npm libraries**, and there many features.
* Worked on **bootstrap** to handle styling for the website and a better viewing for the managers when they use the website.
* **Angular 2** application was decided for the main coding environment due to its **responsive time** between pages, and more advance architect tire
* Worked on a team to create this Applicant Management system, using **GitHub** as version control.
* Manually made **api calls on server side** for specific data manipulations methods.

**Environment**:

Node 8.0, Angular 2, MongoDB 3.5, AJAX, Express, Mongoose, Visual Studio Code, jQuery 3, Bootstrap 4, JSON, HTML5, and CSS3, Git, Fiddler.

**PNC Financial Services Group, Inc, Pittsburgh, PA July 2016 - August 2017**

**Role**: AngularJS, .Net Developer

**Description**: PNC Financial Services is the eighth-largest bank in the US by total assets. PNC’s corporate online and mobile banking portal helps clients to securely and efficiently manage their cash and make decisions while providing a tailored user experience for their corporate banking activities. PNC treasury management’s consolidated banking portal allows customers to manage their banking activity with a single, secure access point and it allows customers to initiate account transfers, Automated Clearing House(ACH) batches or wires, Information Reporting, manage checks and credit management. My responsibilities on this project included but not limited to work on credit management and Information Reporting. Credit management allows customers to make real time payments, to schedule their payment for the future date and also sends an email to keep them informed about their credit information. Information Reporting allows customers to search for transactions, share custom reports, define the period over which they would like to get the information. Customer can also determine entitlements by user function and account to maintain control over who has access to the company’s financial information.

**Responsibilities**:

* Designed and develop this application using **AngularJS, HTML5, CSS3, Bootstrap JavaScript** for front end side and **Asp.Net Web API** on backend side using **SQL Server Database.**
* Used the **bootstrap** to handle styling for the website and a better viewing for the customers when they use the website.
* **AngularJS** application was decided for the main coding environment due to its SPA.
* Created **Stored Procedures** and **Triggers** in **SQL Server** for online banking portal.
* Manually made **api calls** on Microsoft asp.net **Web API** due to its flexible to be used on many kinds of platforms.
* **SQL Server** was used as the main database due to its security and management ease.
* Followed **N-Tier** Architecture, designed and implemented corresponding Layers to provide data flow in the application.
* Version control achieved using **Team Foundation Server** (**TFS**).
* Added **ajax** calls to the application using JavaScript **jQuery** library.
* Followed **responsive web design** for the employee application to be used on many kinds of user machines.

**Environment**: Visual Studio 2015, ASP.NET 4.0/3.5, ASP.NET Web API, ADO.NET Entity Framework, C#, SQL Server 2014, AngularJS, HTML5, Bootstrap, Postman, TFS, AJAX, JSON, and CSS3.

**Aerospace Manufacturing**, **Wallington NJ**   **January 2015 - June 2016**

**Role**: ASP.NET MVC, #C Developer

**Description**: Aerospace Manufacturing**,** known as AMI, is an ISO-accredited, Phillips Screw licensee manufacturer that produces a diversified product line of High Strength, Close Tolerance Aerospace Fasteners serving the aerospace, Navy, and military industries. I was part of a team that made (OTES) Over Time Equalization System project that allows a manager to organize overtime. The goal of the system was to achieve Over Time Equalization to allow all the employees same opportunity to work overtime. The system would provide efficient means to analyses, request and record overtime hours, enabling supervisors to quickly identify employees eligible for overtime based upon their ranking. I implemented the holiday page to handle the C.R.U.D. operation for holidays. The login page was also implement by me also with features like remember by ID, and update password by email. The styling was done by using bootstrap. ASP.net MVC was used as the main project background due to performance, parallel development, and efficient unit testing.

**Responsibilities**:

* Developed the application using **MVC framework, Entity framework, C#, .NET framework 4.0** and **SQL Server 2012**
* Used **Razor** engine views, **bootstraps**, and **CSS** to create user interface layout.
* Create different **View Models** for handling the changes in the entity model and used these strongly type models in the view.
* Made a **disable button** so that if a user logout, but tries go to go back, cannot.
* Use **sql server** scripts to a create database and give users the ability to see and manipulate data in a secure matter.
* Created **validation controls** so that a user can log in easier.
* Created **N tier architecture** for better security
* Used **ajax** so that users can switch between web pages more elegantly and faster.

**Environment**: Visual Studio 2013, SQL Server 2014, Entity Framework, LINQ, Lambda Expressions, ASP.NET MVC 4.0/3.5, C#, AJAX, JSON, jQuery, CSS3

**Fujitsu Edison, NJ June 2013 - December 2014**

**Role**: Web Forms, #C Developer

**Description:** Fujitsu is a Japanese multinational information technology company and services company headquartered in Tokyo. Fujitsu is one of the ten largest IT service provider in the world measured by IT services revenue The Fujitsu project I was part of, was a web-based order tracking system which runs on a server at the store. The server application was a gateway to the company’s ERP system and helps a manager to track orders of their products. It also helps the manager to see how their sales people are doing with their sales. The login page, and the execution of state management system on the Fujitsu application was executed by me. I implemented caching for fast responsive of frequent use of data, and sessions was used for each manager. I was also involved in redesigning the order management workflow.

**Responsibilities**:

* Generated an application that uses **ASP.Net 4.0 Web Forms, C#, HTML, CSS3, User Controls**, **AJAX and SQL Server Database.**
* Created **stored procedures** in SQL Server so a user can access data within the website and preventing them from hacking the website.
* Produced C.R.U.D. operations to delete, update, and search order items so that users can manipulate information on the website.
* Used an **AJAX SQL toolkit** to create a view popup for a user to see specific data easier
* Generated a **cache** to store data for faster retrieval time when users are navigating the website
* Responsible for **session management** such as **cookies and sessions.**
* Generated **validation controls** for login page and change password for better from subsistence
* Used connection string to get data from the database then pipelined it to the client using **ADO.NET** Data Adapter, **Dataset** and **Data Table**.
* Added a **user control** within the asp.net application, in which can be inserted into any child class of the **master page**.

**Environment**: Visual Studio 2013, ASP.NET 4.0/3.5, ADO.NET, C#, SQL Server 2012, AJAX, JSON, and jQuery.

**EDUCATION:**

**Rutgers, the State University of New Jersey, New Brunswick, NJ**

Major Computer Science