## **Muhammad Hassan Afzal**

**Current Location:** Tokyo

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**Summary - Professional Overview**

Overall 5+ years of experience in Analysis, Design, Development, Testing and implementation of Distributed ,Scalable and Web-based Client-Server applications using **Java, Python, React, C#, Asp.Net technologies**.

* Experience in Agile (SCRUM), TDD (Test Driven Development) software development methodologies.
* Hands on experience in technologies & frameworks like **MVC**, **Entity Framework**, **SharePoint** and **Cloud Server**.
* Hardcore technologist and coder who can work on any piece of task or requirements.
* Ability to motivate team and create healthy work environment to achieve deliverable targets efficiently.
* Experience working as a mentor and also part of a large team.
* Worked closely with clients on critical Issues.
* Received several appreciations from Onsite coordinators, Senior Managers and Business clients for dedicated work, flexibility, proactive support and for various automations and continuous improvements implemented within the project.

**Specialities**

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| **Languages** | : | C# Dot Net 8.0, React, Python 3.5.9, Java 7 |
| **Dot Net F/W** | : | MVC 5.0 ,JDBC(3.0) |
| **Frameworks** | : | Entity Framework Core 2.0, WCF 4.5 |
| **Databases** | : | Oracle 12g, MSSQL, MySQL(5 / 6) |
| **Web Tech** | : | HTML5, JavaScript, JQuery, AJAX, JSON |
| **Application Servers** | : | IIS 10.0, |
| **Tools** | : | SharePoint, GitHub, SVN |
| **IDE** | : | Visual Studio 2019, Eclipse, PyCharm |

**EXPERIENCe**

* Working as Senior Software Engineer in Tektronix from June 2019 to July 2020.
* Working as Full-Stack Developer in English Grammar School from June 2018 to June 2019.
* Worked as Senior Systems Engineer in DWP from January 2015 to October 2017.
* Worked as Systems Engineer in Sefam from June 2013 to December 2014.

**EducAtion**

***Degree*** : Bachelor of Technology (BS).

**University** : Punjab University, Gujranwala

**Year**  : 2012

**Project Details**

**Client** : Techtronix

**Duration** : June 2019 – Dec 2019

**Project Name** : CalWeb Application

**Project Scope** : Development Project

**Role.** : Senior Software Engineer

**CalWeb** is a web and mobile based application to set a schedule for buy and maintenance of an equipment through online. Through this application, user can open an account through online. This application navigates to different pages where a user has to provide all the required information related to his employment role.

As a **Senior Software Engineer**, responsibilities involved,

* Involved in all phases of Software Development Life Cycle and in Analysis, designed applications using **agile** methodology.
* Used **Microsoft Architecture** to develop the API using **MVC 5.0** and **SharePoint** to create **Restful Microsoft** and deploy them.
* Used **C# .Net** features like **Lambda expressions** and **Stream API** for Bulk data operations on Collections which would increase the performance of the Application.
* Coding, Testing and development in react.js.
* Resolved technical and design issues and performing independent unit testing.
* Product Implementation/ Integration, system testing, preparing use cases for the project.
* Analysis on critical issues/user-requests, Bug Fixes, Continuous Improvements Unit Testing, System testing and Integration testing.
* Environment – **C# .Net , MVC 5.0, Entity Framework 5.0, React.js, SharePoint, IIS, Restful, GitHub, MSSQL**

**Client** : English Grammar School

**Duration** : June 2018 – June 2019

**Project Name** : EGS System

**Project Scope** : Development Project

**Role.** : Full-Stack Engineer

EGS is a web based school management system. EGS is scalable project having different modules such as attendee module , slabs module, finance and fee module, exam and reports module etc.

As a **Full-Stack Engineer**, responsibilities involved,

* Involved in all phases of Software Development Life Cycle and in Analysis, designed, deploy applications using **agile** methodology.
* Resolved technical and design issues and performing independent unit testing.
* Product Implementation/ Integration, system testing, preparing use cases for the project.
* Analysis on critical issues/user-requests, Bug Fixes, Continuous Improvements Unit Testing, System testing and Integration testing.
* Environment – **Java, Eclipse, Apache Tomcat, Restful, MSSQL, HTML5, JavaScript, jQuery, AJAX, JSON, BootStrap**

**Client :** Eco Star, Gree

**Duration :** Jan 2015- Oct 2017

**Project Name** : Production & sale Application

**Project Scope** : Development Project –Production and Sale Application.

**Role.** : Senior Software Engineer

**Production & Sale** App is Web application developed to track the information of Import, production and sale of Electronic Products. The main functionality of this application is, to track the steps of a Product, from scratch to end-product and sale, providing reports of Product etc. **Production & Sale** App is mainly divided into 5 segments, where parts of an product is imported, assemble, end-product and then sale it to user.

As a **Senior Software Engineer**, my responsibility was.

* Interaction with client for application related decisions, status meetings and facilitating smooth implementations.
* Developed Application in Agile(Scrum) model
* Used **C# and visual studio 2013** to create **Restful Microsoft** and deploy to end user.
* Developed Repositories interfaces & implementations for database related operations using **JDBC**
* Developed **DevExpress** controllers to serve data in **JSON** format and configured application.
* Resolved technical and design issues and performing independent unit testing.
* Product Implementation/ Integration, system testing, preparing use cases for the project.
* Environment – **C#, .Net Core, Visual Studio 2013, JDBC, react. Js, Oracle 12g, SharePoint**.

**Client :** Sefam

**Duration :** Jul 2013 – Dec 2014

**Project Name.** : Breeze Production application

**Project Scope** : Development/Production.

**Breeze Production** is an application which is used to Information of production of an item and create report based on given data.

As a **Systems Engineer**, responsibilities involved,

* Interaction with client for application related decisions, status meetings and facilitating smooth implementations.
* Created and injected **new services** and **DAOs** to achieve dependency injection and to wire objects of business classes.
* Used technique of mapping data representation from MVC model to Oracle relational data model with a SQL-based schema.
* Implemented user interface guidelines and standards throughout the development and maintenance of the website using **HTML5, AJAX, JavaScript and jQuery**.
* Resolving technical and design issues and performing independent unit testing.
* Product Implementation/ Integration, system testing, preparing use cases for the project.
* Developing Application Enhancements in Agile (Iterative) model.
* Environment– **C#, .Net Core, Visual Studio 2010, AJAX, JQuery, HTML**