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USA VISA Status: **Green Card Holder**



Summary

- 9 years and 4-month's experience in Designing and Developing Software applications.
- Strong interest in industry trends, technology innovation, and best practices.
- Ability to create full-fledged attractive frontends for an API centric backend.
- Expert knowledge of API authentication mechanisms such as Token SHA256, OAuth 2, Owin.
- Experience with version control and code repository tools. Hand on experience include: VSTS, and GitHub. Deep knowledge to Create Branch/ Pull /Push / Merge.
- Produce clean, efficient code based on customer's specifications.
- Provide ongoing maintenance, support and enhancements in existing systems and platforms.
- Integrate software components and third-party programs to meet specifications.
- Reliability and proficiency in verifying and deploying programs and systems.
- Solid analytical and creative problem-solving/troubleshooting skills
- Highly motivated team player with good coordination & management skills.
- Capability in analyzing and gathering system requirements.
- Have capacity and commitment to work under pressure and complete challenging projects.
- Self-motivated, result oriented & initiative taking person.
- Excellent verbal and written communication skills.
- Seeking the position in an esteemed organization where my extensive experience will be further developed and utilized.

Industries:	E-Commerce's Business / ERP/CRM Solution / Oil & Energy / Banking.
Functional Areas:	Teamwork, Interpersonal Skills, Problem Solving Skills, Development of Staff, System Analysis and Design, Unit Testing,
Methodologies:	System Development Life Cycle Methodology. Agile and Scrum, Business Process Modeling, Database Design.

Technical Skills

User Interface Tier: JavaScript, jQuery, AngularJS 8, ReactJS, TypeScript, KnockOutJS, JSON, Swagger, HTML5/CSS3, MVC, MVVM, Metronic theme, WPF, Web Forms, KendoUI, jqGrid

Encryption Technique: SHA-256 and SHA-512, owin authentication, OAuth 2.0, JWT Token

Application/ Middle Tier: Microservices container, WCF, MVC RESTful Web Services, ASP.NET, Entity Framework, Dapper ORM

Source Control: (SVN, TFS, VSTS, GIT)

Programming Languages: C#, VB.NET, JAVA

Tools: Visual Studio, SQLServer, NetBeans, Tomcat Apache, IIS, Maven, NodeJS

Database Tier: Microsoft SQLServer 2005 or higher, Stored Procedure / Function /Trigger, Oracle 10g

Unit Testing: JMeter / Hp LoadRunner

Hosting Environment: Microsoft Azure Cloud (CI/ CD) pipeline process hosting experience.

Education

- **BS Computer Sciences** from Sir Syed University of Engineering & Technology Karachi, Pakistan completed in **Year 2012 & CGPA 2.84** (Degree Verified From [WES Verified](#))

Certifications

- SAFe® 5 Scrum Master (SSM) Certification (**September 2020 ID: 05695003-8499**)
- Microsoft Certification Exam (**MCPD**): [Microsoft Certification ID: **8597859**]

Work Experiences

1. **Company: Seer Solution UAE**

Start Date: September-2017

End Date: March-2021

Title: Senior Software Engineer – (Team Lead)

- a) **Project Description:** ATM Web Service for Alkuraim Yemen Bank, this services mainly communicating with the Core banking system for all financial transaction from ATM Machine & interact with SWITCH System.

Role & Responsibility:

- Revamp REST API implement .NET CORE (3.1) Microservice Architecture & Dapper ORM
- JWT Auth Token & sha512 hash algorithm
- Implemented 3rd party mobile payment features.
- Implemented 3rd party SMS services.
- Implemented payment local recharge Mobile / Phone Bills
- Integration with GRG Banking ATM Machine / Switch System
- Bug fixing & Integration deployment.
- Documentation & requirement gathering with Client.
- Manage Agile Development tool using JIRA / Confluence to manage projects, Epic's, Issues/Tasks for Team, prepare status meeting by using Confluence Dashboard.

Team Size: 5 Member's

Tool: MVC REST API Core, C#, SQL Server, VSTS, EF 2.0, JMeter / Hp LoadRunner, Swagger, Postman, Microsoft Azure Cloud Hosting CI / CD, VSTS

- b) **Project Description:** Mfloods Application Mobile web services, this service Transferring Mfloods account to another Mfloods accounts or Bank account, Modifying and cancelling sent remittances.

Role & Responsibility:

- Bug fixing & enchantment.
- Implemented 3rd party mobile payment features.

Team Size: 2

Tool: MVC REST API, C#, SQL Server, SHA512, Owin, JWT Auth Token, VSTS

- c) **Project Description:** ABWApp System application for Alkuraim Yemen Bank (Desktop / Web) Application is a service offered to corporates through a Current account to enable them to manage their accounts and manage financial operations.

Role & Responsibility:

- Bug fixing & enchantment.
- Deployment & Integration with multiple branches.
- Implemented 3rd party mobile payment features.
- Implemented 3rd party integration for send remittance MoneyGram / Cash Express / Xpress Money / Alinma Bank (KSA).

5) Developed Report on Microsoft Crystal Report.

Team Size: 2 Member's

Tool: WPF, MVC Web Application, C#, SQL Server, **Microsoft Crystal Report**, VSTS

- d) **Project Description:** Online Mobile Banking web services an electronic service helps the bank's clients manage their accounts in KIMB as pay bills, transfer money, transfer amongst accounts and exchange currencies in their accounts in the bank using the mobile phone.

Role & Responsibility:

- Bug fixing & enchantment.
- Implemented 3rd party mobile payment features.
- Developed Report on Microsoft Crystal Report.

Team Size: 2 Member's

Tool: MVC REST API, C#, SQL Server, SHA512, Owin, VSTS

- e) **Project Description:** IPM MasterCard MasterCard designed automatic Merchant Settlement and Clearing System.

Role & Responsibility:

- Bug fixing & enchantment.
- Report Viewer Dashboard

Team Size: 2 Member's

Tool: MVC REST API, C#, SQL Server, Window Form, VSTS

- f) **Project Description:** FATCA Web Portal Developed that required validation, digital signature, encryption, and compression. Then it prepares the report for uploading on the US IRS portal by the bank and meets the IRS deadline window. Bank customer data in Excel format upload into Web Portal then backend process is validating the FATCA format of XML according to the IRS rules then converted into zip file as per IDES Portal required format.

- Signing the XML File (applying digital signature by using a private key of the sender)
- Compression of the digitally signed XML File
- Encryption of the XML File with AES 256 Key
- Encryption of the AES Key with Public Key of Recipient
- Creation of the Sender Metadata File
- Creation of the FATCA Data Packet which should contain three files (Payload, Key and Metadata)
- The data packet is now ready to be transmitted through IDES (upload to the IRS Portal) by the bank staff.

Role & Responsibility:

- Design application architecture from scratch on new tech stack.
- Bug fixing & enchantment.
- Administrative Report

Team Size: 2 Member's

Tool: AngularJS 7.0, MVC RESTAPI Core 3.1, C#, SQL Server, HTML 5, JQuery, JSON, JavaScript, bootstrap, KendoUI, VSTS

2. **Company:** IAXCESS UAE

Start Date: November-2015

End Date: August-2017

Title: Senior Software Engineer.

- a) **Project Description:** EASY Plant Web Application is basically based on site construction & project management (TechnipFMC ABU DHABI UAE).

Contribution: Bug fixing & new feature implementation.

- b) **Project Description:** K2C is based on Document Management System.

Contribution: Integration with **SharePoint Library** for reporting purpose.

Role & Responsibility: My role working as a Senior Software Developer.

- Automate system and develop new enhanced functionality in software applications.
- Implement new features & Bug fixing existing applications.
- Requirement gathering with client.

- Analyze, design and develop applications to the given specifications.
- Project Integration & Configuration.
- Documentation and Test Case design.
- Ensuring smooth delivery of the project within deadline.

Tool: ASP .NET MVC 5, MVC REST API, C#, HTML 5, JQuery, JSON, JavaScript, Angular JS, SQL Server, TFS, **Microsoft Report Viewer/ Crystal Reporting**

3. **Company: Intelligenes Pakistan.**

Start Date: January-2013

End Date: November-2015

Title: Senior Software Engineer

- a) **Project Description:** Remittance Management System is an end to end remittance management solution that enables banks and money agents in sending and receiving remittances in various currencies.

Team Size: 2

Contribution: I worked as Key member in team, I integrated 3rd party Remittance included Money Gram, SWIFT MT103. Authentication Technique OAuth 2.0

Tool: MVC, SQL Server, jQuery, AngularJs 2.0, HTML 5, Bootstrap, TFS

- b) **Project Description:** Content Management System (CMS) is managing online content development. Multi-user's assign content topic and their deadline after accomplished they will submit.

Team Size: 4

Contribution: As my role to fixing Issue & implement new feature. I have integrated following 3rd Party API in CMS.

- Article Spinner <https://spinbot.com/api>
- Plagiarism checking <https://api.ithenticate.com>
- Pro Writing Aid <http://prowritingaid.com/en/App/API>

Tool: MVC, SQL Server, TFS, jQuery, AngularJs 2.0, HTML 5, Bootstrap

- c) **Project Description:** Online E-Library Management System student can purchase Thesis, Research Paper, and Web Content.

Team Size: 2

Contribution: Worked as a Key member to implement

- Google Custom Search implementation.
- Payment Module.
- Front End Binding Knockout JS
- Integrate FaceBook / Google + / Twitter / LinkedIn API
- I had developed reports module in **MVC3 / MVC Web API**
 - Customer Tracking (Purchase History)
 - High Chart Implemented

1. <http://www.researchomatic.com> 2. <http://www.researchwood.com>

Tool: MVC, SQL Server, jQuery, AngularJs 1, Bootstrap, TFS

Role & Responsibility:

- Analyze, design and develop applications to the given specifications.
- Design and develop new enhanced functionality in software applications.
- Project Integration & Configuration in client side.
- Documentation and Test Case design.
- Resolving issues in applications and environmental issues at Client Sides.
- Ensuring smooth delivery of the project within deadline.

4. **Company: AmPak International Pakistan**

Start Date: March-2012

End Date: December -2012

Title: Application Developer

Project Description: E-Commerce's web-based application follows **ASP DOT NET STOREFRONT** design model (CMS).

Team Size: 3, **Project Duration:** (03/2012 to 12/2012)

Role & Responsibility: Played role for bug fixing and new feature implementation, develop programming logic, create Stored Procedure & User Define Function on SQL Server to populate data on Front End.

Tools: Developing tools (ASP.NET 4.0, C#, VB.NET, SQLSERVER 2008, Telerik, XSLT, XHTML, Ajax, JavaScript, CSS), TFS

1. <https://www.gotapparel.com/>
2. <https://www.athleticclothing.com/>
3. <http://www.metroshirts.com>
4. <https://www.bigtallapparel.com/>

5. **Company: Innovative Solutions Pvt. Ltd. Pakistan**

Start Date: January-2011

End Date: March-2012

Title: Junior. Software Engineer (Intern)

Project Description:

Infinity Chess Game Online and Offline status playing mode, Desktop Application follow **Fritz Chess** game. Infinity Chess created on .NET Framework 4.0. Socket Programming (C# language) and Database SQL Server 2008/ SQL Lite.

Team Size: 10, **Project Duration:** (01/2011 to 03/2012)

Role & Responsibility: As per my role did bug fixing and new feature implementation, develop programming logic in C#, create Stored Procedure & User Define Function on SQL Server to populate data on Front End.

Tools: Development tools (XHTML, Ajax, JavaScript, CSS, ASP.NET 4.0, C#, SQLSERVER, TFS)

1. <http://infinitychess.com/>
2. <http://reefstables.com/>

Personal Details:

USA Visa	: Permanent Resident (Green Card Holder)
Marital Status	: Married
Nationality	: Pakistan
Language	: English, URDU
LinkedIn	: https://www.linkedin.com/in/syed-h-03a45920/

Hobbies

In my spare time, my attention in focused towards being with my family, as well as keeping up with articles on the latest technological advancements, reading material & completing short certification courses from UDEMY / Coursera.

- My most recently achieved certification from UDEMY was on
 - a) 16th February 2021: **ASP.Net Core 3.1 MVC Web Application with EF Core -Formerly 2.0, SQL Server.** <https://www.udemy.com/certificate/UC-36f08b42-f2b3-4773-ab5b-0d5a11eda273/>
 - b) 18th February 2021: **Angular 11, MVC REST API Asp.Net Core 3.1, JWT Authentication, SQL Server.** <https://www.udemy.com/certificate/UC-256b8392-16bb-42f9-bc03-239da82c3211>
 - c) 19th February 2021: **RESTful API with ASP.NET Core and SQL Server. Apply basic auth, role based, OAuth2, JWT Deploy API app to Azure.** <https://www.udemy.com/certificate/UC-2c5c256c-5b80-4337-b84a-b11b68d56801/>