

Muhammad Irfan Khalid

SUMMARY	<ul style="list-style-type: none">• Principal Software Engineer with 8+ year experience in requirement, analysis, design, development and implementation of web applications using ASP .Net Core, Angular, Azure, AWS, DDD, SOA, Client Server, N layered, Microservices, Fluent, Web API and Unit tests.• Excellent capability to explore, learn and understand newer business domains and technology specification to manage workflows or web application.• Good cloud services experience with Microsoft Azure and Amazon Web Services• Drove efforts for maintaining software development best practices adhering to industry recommended standards
PROJECTS HIGHLIGHTS	<p>Speridian (December 2022 – Current) <i>Technologies Used:</i> Angular, Dotnet 6, Azure Services, Sonar, ABP, NX, SQL, Microservices, DDD</p> <p><i>Description:</i> portal specifically designed for HIV patients to facilitate them in their healthcare and affordable home. This system is designed to digitize the complete cycle of client eligibility, insurance eligibility and manager review.</p> <p><i>Responsibilities:</i> Understanding requirement and Gap Analysis with team lead,</p> <ul style="list-style-type: none">• Collaboration with the team to understand the complete flow of system• Writing the base infrastructure for new modules from database schema to frontend• Unit test the modules before handing over to the QA <p>Adax (April 2022 – November 2023) <i>Technologies Used:</i> Angular, Dotnet Core, jQuery, Signal R, AWS SQS, SNS, Lambda, Syncfusion</p> <p><i>Description:</i> Financial Investment portal for real estate sector which involves complete life cycle of Opportunity, Investment and Distribution of Profit. Investors, Lender and Advisors have their specific portal through which they visualize their progress.</p> <p><i>Responsibilities:</i> Understanding requirement and Gap Analysis with Business team,</p> <ul style="list-style-type: none">• Collaboration with the team to understand the complete flow of system• Writing the base infrastructure for new modules from database schema to frontend• Distributing the tasks and assigning it to appropriate team members, Code review and Maintain code health by enforcing SOLID principles and utilize design patterns like Factory, Chain of Responsibility, Decorator and Command.• Unit test the modules before handing over to the QA <p>Pie Clients Onboarding (January 2022 – March 2022) <i>Technologies Used:</i> Asp.Net Core, Angular, Fluent Validations, Swagger</p> <p><i>Description:</i> Client onboarding application from writing proposal to the finalization of contract, Access management, Knowledge Materials for Main portals and dashboard consists of client activity regarding number of deals, investments and other key indicators to track client interest and satisfaction.</p> <p><i>Responsibilities:</i></p> <ul style="list-style-type: none">• Collaboration with the team to understand the complete flow of system

- Creating a project with high cohesion and loose coupling following solid principles and implying design patterns.
- Distributing the tasks among team members and helping them with their tasks, Code review and Unit testing.

HRMS (October 2021 – December 2021)

Technologies Used: jQuery, Asp.Net Core, REST Services, Bootstrap, WPF, Azure

Description: Complete Organisation management, Onboarding, Bio Metric Attendance, Payroll on the basis of Attendance, performance and other attributes as per the policy attached with the employee.

Responsibilities:

- Client communication to translate their problems in to requirements, Analysis and propose solution.
- Wrote and tested Main Portal payroll feature on the basis of policy, Bio metric devices communication using WPF and sync the main portal to streamline the attendance.
- Writing code, Unit testing and deployment using Azure.

Secondary Sale System (July 2021 – October 2021)

Technologies Used: .Net Core, jQuery

Description: Complete Sale system starting from Manufacturer to Distributor to Retail. It also includes Agent tracking, Route planning and complete tax, Discounts and Batch tracking.

Responsibilities: Client discussion to formulate workflows and solution to satisfy their needs.

- Updating web solution using .Net Core, jQuery as discussed with the client
- Collaboration with the team to understand the complete flow of system

Eazy Script (May 2020 – July 2021)

Technologies Used: .Net Core, Angular, Fluent Validation, Geo Location API, Azure Redis, Azure Function, Azure CICD, Sure script, FDA and other third-party integrations.

Description: Complete Prescription system for Doctors to track Patient previous history, their conditions. Suggesting pharmacies on the basis of patient's closest location, enforcing security in order to meet HIPPA Compliance, Sure script Audit and other regulations as per the different state laws.

Responsibilities: Updating solutions as per the client requirement.

- Performance Optimization by Profiling, Refactoring and Caching data.
- Data migration using Azure function. Add logging using Azure telemetry.
- Designing new UI components in Angular and SCSS.

Ascent WFS (July 2016 – April 2020)

Technologies Used: .Net, WCF, WPF, jQuery, Telerik Reporting

Description: Complete Financial suite for whole sale financing, it includes Product, Campaign, Workflow based Requests, Mortgage, Accounting and Reporting.

Responsibilities: Update the current solution as per the client requirement

- Securing endpoints by resolving all the problems mentioned in security audit.
- Data Analysis, Data correction and generating data updates.
- Discussion with Business team, QA and Leads to understand flows to create FS documents.

<p>TECHNICAL SKILLS</p>	<p> Programming Languages : C#, Typescript, JavaScript, Python Web Server Technologies : ASP.NET Core and MVC, Azure Database, Functions Web Client Technologies : Angular, jQuery, Material, Ajax, Bootstrap, HTML, CSS RDBMS/DBMS : SQL Server 2018, MySQL Operating System : Windows Source Control : Git, GitHub, Bitbucket Cloud : Microsoft Azure, AWS, Google Cloud Others : DDD, N Layered, Client Server Architecture, Design Patterns i.e. Repository Pattern, Unit of Work, Factory, Decorator, Facade </p>
<p>EDUCATION</p>	<p><u>EDUCATIONAL QUALIFICATION</u></p> <ul style="list-style-type: none"> • Bachelor of Computer Engineering (BSCE), University of Engineering and Technology Pakistan (2012 – 2016)
<p>CERTIFICATIONS</p>	<ul style="list-style-type: none"> • Microsoft Certified: Azure Developer Associate