# Azeem Yousaf

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## Profile:

I am an experienced software developer, specialising in JavaScript, Python, C# .NET cloud applications development and SAS. I have strong practical knowledge of applying design principles, patterns and practices to produce high quality performant code.

I am a quick learner who is passionate to explore and master new technologies. I perform confidently and effectively under pressure and thrive on challenges. In my current and previous roles, I've led teams and also worked on my own where I was responsible for a large chunk of the development life cycle including requirements gathering, writing of technical specifications, and implementation. I have 7 years of coding experience including 5 years of SAS RGF solutions and Management experience with the successful delivery of multiple RGF and web-based projects in the middle east and south Asia region.

## Skills Summary:

**Languages**: C#, Python, JavaScript, ECMAScript, SAS, HTML, CSS, XAML, SQL, Java

**Server-Side Technologies**: Node.js, Windows Services

**Frameworks**: .NET Framework, ASP.NET MVC, WinForms, React, jQuery

**Databases**: Oracle, Microsoft SQL Server, MySQL, Postgress

**SAS Solutions:** RGF basedSAS Risk and Governance solutions like MRM, GCM, PDCM etc

**SAS Tools:** SAS Studio, SAS Workflow Studio, SAS Management Console, SAS Base, SAS Information Map Studio, SAS Data Integration Studio, SAS Deployment Wizard, SAS Enterprise Guide

**Source Control**: Git, Visual Studio Team Services, Microsoft Team Foundation Server

**Software Design & Development Processes**: DDD, BDD, TDD

**Python ML Libraries:** NLTK, NumPy, pandas, Matplotlib, Openpyxl

**Team Skills:** Problem Solving, Leadership, Creativity, Teaching, System Design

## Employment History:

### The Risk Advisors

Program Manager and R&D Researcher

January 2022 - Current

* Managing the team of 15+ employees and monitoring the projects to ensure progress and the smooth flow of project deliveries with the product team.
* Working with the sales team in RGF configuration for upcoming project demos.
* Working as R&D researcher and developing new features in the SAS RGF solutions to help the sales team maintain a healthy pipeline of upcoming projects.
* Implementation of AI suggestions using Python Natural Language Processing library in SAS RGF Solution.
* Providing the project support with the support team as a senior resource.
* Working on the configuration of Environmental, Social and Corporate Governance (ESG) on the GCM solution.
* Managing and leading all my “Technical Lead” roles and responsibilities with relevant team.

### The Risk Advisors

Technical Lead

September 2018 – December 2022

* Worked as a Technical Consultant at the Project Lead level to deliver an end-to-end SAS RGF and VA projects.
* Worked and configured different suits like MRM, Governance (ORM), Compliance (CRM), Audit Management, Insider trading, Business Continuity Management (BCM), Product Assessment, Ethics and Conduct, Information Security (ISD) etc on SAS RGF solutions (EGRC, MRM, GCM) for both financial and non-financial firms.
* Configured the workflow of above-mentioned modules to ensure data integrity and smooth flow of the records within the organization.
* Automation of tasks (like auto creation of KRI observations based on their frequency) using SAS and groovy.
* Calculated the inherent and residual risk rating based on the set formula shared by client.
* Provided services as data engineer and combined, prepared and validated data from multiple sources to a single consolidated source for analytics and reporting purpose.
* Developed notifications, reminders and escalations emails of records using SAS and SQL codes.
* Developed interactive VA reports including heatmaps and dashboards for the management Committee.
* Developed PDF/Word reports as per the set format for the ease of client.
* Provided services as technical interviewer as it was a new start-up when I joined.
* Administered the full life cycle of project from development to go live including UAT and production signoff.
* Development of Smart Object script using Python that automates the configuration of new RGF solution objects and provides utility to auto-create loader, screen, configurational files, customization files, and provides a start-up workflow template.
* SAS Solution Migration from EGRC to GCM including live data and attachments.
* Development of SAS Scripts to semi-automate the migration from SAS EGRC to GCM solution
* Designed the database structure and architect of the web-based solutions including team management and delivery of end-to-end project developed on C# .Net and JavaScript.
* Developed Apis to create the SAS GCM records from external system (mobile app)
* Development of ETLs to migrate data from staging area to target area using SAS Data Integration Studio.

### Leemu Tech

Junior Developer

April 2017 – September 2018

* Worked as a Junior Software Engineer and developed desktop-based applications using C# and window forms of visual studio.
* Developed Educational web-platform for Institutes on ASP. Net framework using C Sharp as backend language and HTML, CSS and JavaScript as front-end.
* Developed the Smarter Education Analytics (SEA) platform using Dot. Net framework and the JavaScript. It covers the major communication gap between teacher, student, and parent and provide educational tools like attendance, lesson plans, and diary etc. and provide support roles like admin, principal and accountant to monitor the institution.
* Worked on PHP web applications.

## Education History

### Bahauddin Zakariya University, Pakistan

BS Computer Science (CGPA 3.39/4)

2013 - 2017

### Punjab Group of Colleges Lahore, Pakistan

Intermediate (Math, Chemistry, Physics)

2011 – 2013