

Tanveer Ahmad

Technical Manager & Solution Architect



Highly experienced technology leader with 20+ years driving full-lifecycle software delivery—spanning requirements gathering, architecture, design, development, deployment and continuous optimization. **Expert in .NET (C# 2.0-8.0), ASP.NET (Web Forms, MVC, Web API), Entity Framework, ADO.NET and ORM frameworks**; strong front-end skills with HTML, CSS, JavaScript/TypeScript and Angular.

Proven track record of leading teams, collaborating with business analysts, testers and clients to build **enterprise-scale cloud-native (AWS/Azure) solutions**.

Skilled crisis manager and trainer who builds high-performing teams, resolves complex delivery challenges and aligns technology strategy with business outcomes.

Experienced in architecting and deploying scalable, secure, and cost-efficient solutions on **AWS (EC2, S3, RDS, Lambda, Cloud Formation, API Gateway, VPC)** and **Azure (App Services, Functions, SQL Database, Blob Storage, Logic Apps, DevOps Pipelines)**. Adept at implementing **CI/CD pipelines**, cloud-native design, and infrastructure automation to enhance delivery speed and reliability.

Define the architecture/blueprint of a solution to meet business requirements, aligning technical choices with business strategy. For example: “Design detailed technical solutions to achieve project goals.

Working closely with **business stakeholders, analyzing requirements, assessing technology options**, identifying risks, and architecting the solution before and during implementation.

Recognized for modernizing legacy systems, improving system performance, and aligning technology strategy with business goals.

A strategic leader and mentor who has **trained over 150+ developers**, built high-performing teams, and driven innovation through architectural excellence and collaborative execution.



Contact

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WWW

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Skills

Visual C#



Asp. Net MVC



Asp. Net Core



Web Api



Work History

2020-07 -
2025-10

Technical Manager

iCodex Publishing Solutions Ltd., Pune, India

- Architected and deployed scalable cloud solutions on AWS and Azure, utilizing services like EC2, RDS, and S3 to enhance system performance and scalability.
- Led end-to-end project lifecycles, including scope definition, resource allocation, scheduling, progress tracking, and comprehensive documentation, to ensure timely delivery and quality standards.
- Collaborated with cross-functional teams, including product managers and engineers, to prioritize and define feature requests, aligning them with platform capabilities and strategic objectives.
- Performed database administration tasks, including upgrades, backups, and restores, focusing on SQL Server and AWS RDS to maintain high availability and data integrity.
- Presented technology roadmaps and cloud infrastructure strategies to stakeholders, demonstrating expertise in APIs, platform integration, security, and enterprise architecture.
- Delivered corporate training sessions on enterprise software architecture design and software development best practices, encompassing DevOps, and CI/CD methodologies.
- Developed and maintained Angular applications using TypeScript, implementing component-based architectures to promote reusability and maintainability.
- Integrated Angular Material components to build responsive and accessible user interfaces, adhering to Material Design guidelines for cross-platform consistency.
- Conducted unit and integration testing with Jasmine and Karma, ensuring code reliability and facilitating maintainable code bases through test-driven development.

MicroServices



Designing Application



Aws Architecture



Azure DevOps



SQL Server Design & Query Development



Team Building



Cloud services



Angular



Technical process improvement



Employee development



System design



Software architecture



- • Optimized application performance through techniques like lazy loading and Ahead-of-Time (AOT) compilation, reducing load times, and enhancing user engagement.

**2010-12 -
2020-07**

Technical Specialist

Zensar Technologies Ltd., Pune, India

- Authored technical requirement documentation to suit business goals and technological limits.
- Designed and maintained consistent data collection protocols and standards across numerous databases and projects.
- Collected and monitored incoming data from sources such as remote sensors, third-party vendors, and visual inspection.
- Communicated project status to stakeholders, authoring reports to provide up-to-date overviews of ongoing progress.
- Applied knowledge of IT best practices to tackle new challenges and make educated decisions.
- Diagnosed software issues and applied troubleshooting techniques to resolve problems.
- Conduct training on various topics, i.e., Dot Net Framework, C#, SOLID Principle, Design Pattern, AWS, Azure, and DevOps.

**2009-09 -
2010-12**

Sr. Developer

ZakSaa Interactive, Pune, India

- Analyze ideas, business models, and user requirements to formulate a design strategy to carry out.
- Act as a tenant to draw out workable application design and coding parameters, with essential functionalities.
- Breakdown process into multiple packets to distribute to other relevant technology project teams.
- Develop various process flow diagrams and working models to streamline process.
- Coordinate development cycle and attest compatibility of different modules.
- Supervise and conduct performance test and trials to ensure hassle-free user experience.
- Records and document each phase of

application development for further reference and maintenance operation.

- Deploy and install applications to demonstrate successful performance of software as per client expectation.
- Fix problems arising across test cycles and continuously improves quality of deliverables.
- Communicate with other application development partners and technology arbiters to deliver excellent output.
- Evaluated and improved development work of other developers on team, working to provide training, constructive criticism and knowledge transfer.

Education

2001-04 - 2004-06	Master of Science: Computer Application <i>MCA -Amity School of Computer Science. - Noida, UP</i>
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Certifications

2007-06	MCP (Dot net Framework 2.0)
2011-05	Certified MCTS-70-516: -Accessing Data with Microsoft .NET Framework
2011-03	MCTS-70-513: -Windows Communication Foundation Development with Microsoft .NET Framework 4 MCSD
2014-02	480 Programming in HTML5 with JavaScript and CSS3.
2014-02	486 Developing ASP.NET MVC Web Applications. 487 Developing Microsoft Azure and Web Services.
2021-06	AZ 303 Microsoft Azure Architect Technologies
2021-06	AZ 304 Microsoft Azure Architect Design
2021-06	AZ-400 Design & Implementing
2021-06	AWS Certified Solutions Architect-Associate
2025-09	Azure Administrator Associate

Skills & Technologies

Programming Skills & Technologies.

C#, ASP.NET, JAVASCRIPT, AJAX, WCF, SOAP, Restful services MVP, Asp.Net MVC, LINQ, ADO.Net, N-Hibernate, XML, Entity Framework, Node JS. Polymer JavaScript. Sonar Lint & SonarQube.

Design Pattern & Coding Pattern.

- **Creational Pattern:** Singleton, Factory Pattern. Abstract Design Pattern, Builder Design Pattern.
- **Structural Design Pattern :** Adapter, Composite, Bridge, Façade, Proxy.
- **Behavior Design Pattern :** Iterator, Mediator, Observer, Strategy.
- **CQRS Pattern :** The CQRS pattern is often used along with the Event Sourcing pattern.

Dev Tools : Visual Studio 2019 & VS code.

Version Control : Git, Teams Foundation Server & VSS.

Database : SQL Server.

DevOps : Azure Boards , Azure Repository, Azure Pipeline (CI/CD), Azure Artifacts.

Cloud Services & Activities : EC2, VPC, S3, Elastic Beanstalk, Route53, API Gateway, Cloud Front, Cloud Watch

EC2, VPC, S3, CloudFormation, Elastic Beanstalk, RDS, Route53, CloudFront, EMR, Redshift, SQS, SNS, AWS IoT, API Gateway, ELB, Cloud Front, Cloud Watch, DynamoDB

Training Skills

Responsible for increasing a company's productivity by teaching new skills and knowledge to employees. They use seminars, lectures, and team exercises to update employees on company goals and procedures.

Activities

- Collaborate with management to identify company training needs.
- Schedule appropriate training sessions.
- Oversee and direct seminars, workshops,

individual training sessions, and lectures.

- Plan and implement an effective training curriculum.
- Supervise training budgets.
- Prepare hard copy training materials such as module summaries, videos, and presentations.
- Train and guide new employees.

Topics

- Best Practise & Software designing
- Design Pattern & SOLID
- Core Web API
- Diagram for software development & Documentation.
- Unit TEsting with Mock
- Azure DevOps
- AWS Services & Architecture
- Azure Services & Architecture
- Improvement in Code Quality in C#

Project-1: nCollab (iCodex Publishing Solutions)

Project: nCollab

Client Name: iCodex Publishing Solutions Ltd. - Pune (India)

Duration: July 2024 to October 2025

Technologies: C#, Asp.Net Core, Web API, Clean Architecture, Microservices, Redis Caching, RabbitMQ, SQL Server.

Role: Technical Manager

- Collaborating with senior managers to determine business-specific application needs.
- Identified problem solutions from analysis of user requirements and end user reports.
- Coordinated with technical managers to ensure completion of client signoffs.
- Writing the technical documentation.
- Designing the Modelling & Database.
- Leading the application development team and supervising the design, testing, and modification stages.
- Design & Writhing the Web Api & implemented the security.

Project Profile:

The **nCollab project** is designed for production users in the typesetting industry. It provides the facility to upload packages received from publishers for typesetting processes. The system supports multiple departments, where each department has defined processes, and each process may include sub-processes. Authorized production users can log in, download documents, perform the required task, upload the updated documents, and review articles and journal information available on the job activity page.

The system also integrates with external tools and communicates with other platforms to request processed files and stay updated. All files and documents are stored in a common location.

To achieve this, authorize users define a **workflow and publish**, which consists of a set of departments. Each department includes processes, and each process must be configured. When a package arrives, the system identifies the appropriate workflow. Since each journal contains multiple article types, and each article type has its own workflow, the system always associates workflows with journals based on article type.

At the initial stage, when a request comes from the publisher through the input API, the system determines the respective workflow linked to the journal and proceeds with the process accordingly.

Project-2: Arp (iCodex Publishing Solutions)

Project: HTML OPS-V2

Client Name: iCodex Publishing Solutions Ltd. - Pune (India)

Duration: May 2022 to July 2024.

Technologies: C#, Angular, Asp.Net Core, Web API Micro Services, SQL Server, AWS EC2, S3 Bucket IAM User.

Role: Technical Manager

- Collaborating with senior managers to determine business-specific application needs.
- Identified problem solutions from analysis of user

requirements and end user reports.

- Coordinated with technical managers to ensure completion of client signoffs.
- Writing the technical documentation.
- Designing the Modelling & Database.
- Leading the application development team and supervising the design, testing, and modification stages.
- Design & Writhing the Web Api & implemented the security.
- Design the AWS services. (EC2, S3 Bucket, Load balancer, VPC, Route53)
- Implemented the Auto scaling for highest availability.
- Implemented network security (TLS, Firewall), data security (KMS) & Access security (IAM)

Project Profile:

The HTML OPS-V2 is the software which provide the online platform to facilitate the authors and proof recipient for writing, editing, the thesis (Research Paper - Book in the form of article under the specific journals) content, this online tools provides the experience more than Microsoft word, Authors can edit/delete add content, and do formatting. There is a built-in work flow that provides the online proofing system (Review and Approval system for the same article). All activity on the content can be tracked and do versioning all deleted and edited records, **Offline:** if it is not connected to internet it provides all available feature, User still working on the document, with all functionalities, once network is available, the content automatically synced with server and gets updated at the backend data source like Sql Server & AWS S3 bucket.

It is developed

Project-3: eAssistant (iCodex Publishing Solution)

Project: eAssistant

Client Name: iCodex Publishing Solutions

Duration: July 2020 to April 2022

Technologies: C#, Web Api, Angular, Git, AWS
Code Commit, CI/CD, EC2, S3 Bucket

Role: Technical Manager

Responsibilities:

- Collaborating with senior managers to determine business-specific application needs.
- Identified problem solutions from analysis of user requirements and end user reports.
- Coordinated with technical managers to ensure completion of client signoffs.
- Writing the technical documentation.
- Designing the Modeling & Database.
- Leading the application development team and supervising the design, testing, and modification stages.
- Design & Writhing the Web Api & implemented the security.
- Design the AWS services. (EC2, S3 Bucket, Lod balancer, VPC, Route53)
- Implemented the Autoscaling for highest availability.

Project Profile:

The purpose of the eAssistant system is to ensure clean and accurate metadata at the start of the production process. This means a reliable 'completeness and usability check' and a platform for the users to ensure the correctness of files/manuscripts that enter production. The manuscript package is thoroughly checked for any mismatch between the editorial and production metadata, the missing elements are identified, and the queries are sent to the authors for the same. This eliminates a delay in the production process due to the non-availability of the mandatory information, decreasing the number of author queries raised during the proof stage, and reducing the overall turn-around time.

Project -4: Auto Process Conversion Utility (USA)

Client Name: SafeAuto (USA)

Duration: October 2019 to July 2020

Technologies: C#, J-Query, Angular JS, Node JS, Web API, Bit Bucket, Source Tree.

Role: Sr. Application Architect / Developer.

- Design & Developed the automated process to convert data from CSV to Guidewire (GX) format.
- Create functionality to select a specific GWPC Rating Service instance by selecting specific rate books on that instance, rating method & other parameters.
- Submit data set by appending job processing header to GWPC Rating Service.
- Generate rate compare results into CSV format.
- 5. Archive results - rate compare to assemble the results (quotes) and store to designated file location.
- 6. Notify the SafeAuto user("User") via email about the completion.
- Design & Develop the window service.
- Design & Written the Web Api

Project Profile: SafeAuto (USA)

SafeAuto Insurance Group has been a leading provider of affordable state minimum coverage since its founding in 1993. With an unwavering entrepreneurial spirit as part of the Direct Auto Insurance family and the idea that everybody has the right to have insurance, we provide coverage options for drivers who are looking to save hard-earned dollars. SafeAuto offers flexible payment plans, immediate coverage, and outstanding customer service through the phone and web.

Project -5: Help Desk (Derivco)

Client Name - Derivco South Africa.

Duration: November 2017 to September 2019

Technologies: C#, Web API, Polymer, Bit Bucket, Source Tree

Role: Sr. Software Developer

- Identified problem solutions from analysis of user requirements and end user reports.
- Ensured efficient user operation by creating program evaluation support documentation.
- Upheld quality control in submission of tested software patch files to Engineering Department.
- Revised work and flowchart programs as required.
- Modified existing programs and software to better meet end user requirements.
- Supervised all aspects of business application planning and development.
- Designing & Writing Web Api.
- Coordinated with technical managers to ensure completion of client signoffs.
- Provided system administrative support when regular staff unavailable.
- Used codes and flowcharts to develop technical documentation and reports.
- Supported workflow management infrastructure components in alignment with business objectives.
- Reconciled interface of external and internal application systems.

Project Profile: South-Sea Gaming – Help Desk

Help Desk is a service provider tool to the different location siting operator to help them to operate game strive to the user, the public cloud is defined as computing services offered by third-party providers over the public Internet, making them available to anyone who wants to use or purchase them. They may be free or sold on-demand, allowing customers to pay only per usage for the CPU cycles, storage, or bandwidth they consume.

Project -6: Insurance Workflow & Portal (Liberty)

Client Name: Liberty Insurance - South Africa

Liberty Insurance South Africa

Duration: June 2017 to October 2017

Technologies: C#, J-Query, Angular JS, Node JS, Web API, Bit Bucket, Source Tree.

Role: Sr. Software Developer.

- Identified problem solutions from analysis of user requirements and end user reports.
- Coordinated with technical managers to ensure completion of client signoffs.
- Designing the application & Database.
- Design the Web Api & implemented the security.
- Analysis of customer requirements
- Development of code as per the business requirements and standards
- Unit testing of the developed code.
- Providing fixes to the issues identified in testing phase.

Project Profile: Liberty Insurance

Members are not saving enough for their retirement. Liberty Corporate would like to assist them to preserve the funds that they have accrued – typically through an employer's participation. This in turn ensures that they have more money available at retirement.

Changing jobs is stressful and members are required to make decisions on their retirement savings at that time. We want to keep their money in the CSUF (Corporate Select Umbrella Fund), while they make up their minds, with no time pressure.

Liberty Corporate is especially mindful of the customer segment that is most at risk, namely the customers with lower fund balances, as these customers would not typically draw interest from FA's (Financial Advisors).

This solution will provide members with a cost-effective preservation solution as a clearly defined alternative to withdrawal of funds.

Personnel Information

Name : Tanveer Ahmad

Gender : Male

Country of Origin : India

Languages : English, Hindi

Passport Details :

- Passport No J2705377
- Issued at Lucknow