# Mohit Kumar Gupta

Team Lead

## Profile

- 10 Years 06 Months of experience in IT industry using Microsoft Technologies Azure, .NET, C#, WCF, BizTalk Server, Web API.
- Experience in Providing the integration solutions built on top of Microsoft Technologies Azure (IaaS PaaS & Hybrid), BizTalk Server.
- Experience of working in the complete Software development life cycle involving development, Documentation, testing and maintenance.
- Designing & implementing Azure Cloud based Solutions.
- Azure Web apps and deploying the Azure Web sites.
- Worked on CI CD tools like TeamCity, Octopus and VSTS online
- Architect, design, and supervise the implementation functionality of middleware application development
- Worked with Windows Azure, SB-Messaging, JSON formats.

## Details

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## Skills

Microsoft Azure

Microsoft BizTalk

C# , MVC , Web API

CI CD Tools(Teamcity,Octopus)

Microservices

## Employment History

**Senior Consultant at HCL Tech, Noida**
Mar 2014 – Till Date

**BizTalk Specialist at Zones Inc , Noida**
July 2012 – Mar 2014

**Senior Software Engineer at NIIT Tech,Noida**
Oct 2009 – July 2012

## Languages

Hindi

English

## Education

**B-Tech, AKGEC(UPTU) , Ghaziabad**
July 2005 – July 2009

**Senior Secondary, TRMPS (CBSE), Modinagar**
April 2004 – May 2005

**High School , TRMPS( CBSE) , Modinagar**
April 2002 – May 2003

## Certification and Awards

Microsoft Integration MVP 2014

Microsoft Community Contributor 2014

Microsoft Certified Azure Solution Architect

## Work Experience

HCL Technologies                                    Mar 2014 – Till Date

### 1. Project – Rights line Integration

**Technologies Used:** Azure Web App, Azure function apps, Azure Cosmos DB,Teamcity , Octopus , Terraform

**Project Description:** RightsLine is Content and Rights management system BBC has chosen To manage their Content and Rights. Azure Services is chosen to provide integration Solution to   integration with downstream system Like OLC, Sony, Cortex.

The purpose of project is to design and implement a solution which will pick the updated content and rights from RightsLine API's and push the updates to downstream system like Cortex, Sony and OLC.

**Roles and Responsibilities:**

- Architecting the EAI solution.
- Technical Lead
- Design CI CD using team city and Octopus.
- Conduct POC for latest Azure Cloud services
- Create Web App, Function app.

### 2. Project – BBCW API Gateway

**Technologies Used:** Azure Web App, API Management, TeamCity, Octopus, C#, Terraform, Web Api, Microservices.

**Project Description:** The Gateway aims to provide a single entry point whereby any client (eg Salesforce CMP, Ancillary Assets Portal) will be able to make a request for BBCW resources Regardless of the source system in which the resource resides.

The Gateway is hosted on Azure and have a foundation of common services for Authentication, Logging, Monitoring, Caching etc. Targeted services are built on top of this Foundation that will fulfil specific needs.

**Roles and Responsibilities:**

- Producing detailed specifications and writing the program codes, Unit Testing the product.
- Technical Lead
- Design CI CD using team city and Octopus.
- Conduct POC for latest Azure Cloud services
- Coordinate with different team and managing our internal team members and provide solutions with their questions.
- Managing and Tracking Issues
- Created Terraform module to deploy the Azure infrastructure.
- Deployment of azure resources using ARM Templates

### 3. Project – CASPAR Content Subscriber

**Technologies Used:** Logic Apps, VS 2017, TeamCity, Octopus, Azure Functions, Terraform.

**Project Description:** We designed an integration solution using azure logic apps and Azure functions to sends updated content from rightsline system to CASPAR system.

**Roles and Responsibilities**:

- Involvement in development and Understanding of physical infrastructure and its design principles and architecture enterprise applications on Microsoft Azure PaaS technologies (Azure functions, Logic apps), Service Bus
- Technical Lead
- Design CI CD using team city and Octopus.
- Conduct POC for latest Azure Cloud services.
- Created Terraform module to deploy the Azure infrastructure.
- Coordinate with different team and managing our internal team members and provide solutions with their questions.
- Deployment of azure resources using ARM Templates

4. Project – <u>BBC</u> World Wide OLC Integration

**Technologies Used:** C#, XML, WCF-SQL, BizTalk 2010, BizTalk BTDF 5.0, BizTalk 360, Akamai Cloud, JSON, Octopus, TeamCity, Web Api.

**Interfaces:** Sony, Cortex, Wazee, OLC, Akamai, Azure

**Project Description:** The purpose of OLC Integration is to make video assets available online on BBC worldwide sales.
The purpose of project is to design and implement a system which provide a platform for sales Team to sell BBC video assets and make them available to end user.

**Role:** Technical Lead

**Responsibilities**:

- Architecting the EAI solution.
- Technical Lead
- Designing Orchestrations, to process the XML data using BT Adapters.
- Offshore-Onshore coordination and project management
- Design CI CD using team city and Octopus.
- Conduct POC for latest Azure Cloud services

5. Project – <u>Dow Chemical's</u> EDI Implementation and Support

**Role:** Technical Lead

**Technologies Used:** .Net 3.5, C#, XML, WCF-SQL, BizTalk 2009, EDI-X12, RNIF, SAP

**Interfaces:** GXS , SAP , Tokyo Zairo,

**Project Description:** The purpose of the EDI integration project is to provide Client with a centralized EDI / B2B solution for EDI processing with trading partners and processes With diversified requirements and technologies.

Additionally, the purpose of this project is to design and implement a solution that not

only fits the current needs of the business, but will also provide a platform for future Growth and enhanced B2B capability.

It leverages the features of BizTalk EAI, Rosetta Net framework and EDI configurations to provide a centralized and streamlined invoice processing solution for effective and efficient business operations.

**Responsibilities**:

- Architecting the EAI solution.
- Designing Orchestrations, to process the EDI data using BT Adapters.
- Designing of BizTalk Mapper Service to transform Invoice Data Structure to CIDX, X12 EDI Messages, IDOC.
- Designing of BizTalk Orchestrations to complete the business logic to receive Invoice Data, Process it to Partners using RNIF, AS2, SSL, Roles, and Party.
- Offshore-Onshore coordination and project management

**Zones Inc.**                                                           July 2012 – Mar 2014

**1: Project- Zones ERP Implementation**
  **Technologies Used**: BizTalk Server 2010, C#, XML, XSLT, SQL Server 2008R2, Windows 2008 Server, Microsoft Dynamic Ax, EDI X12
  **Roles:** BizTalk Developer
  **Responsibilities:**
- Installation of BizTalk Sever 2010, on Dev.
- Requirement Analysis, Design, Development, Unit Testing (BizUnit), System Integration Testing, User Acceptance Testing of Enterprise Integration applications.

- Designed and developed Business processes (orchestrations) as per business requirement and considering application performance.

- Design of Schemas, Maps, Pipelines (custom pipelines), Orchestrations and custom .net component by understanding requirements.

- Created automated deployment script for MSI packages deployment into Dev, Test.

- Design Performance monitoring strategy by analysing tools like BizTalk Best Practices Analyser (BPA), Performance Analysis of Logs (PAL), Performance Monitor (Permon), Orchestration Profiler etc.
- Implemented many BizTalk interfaces/applications.
- Implemented integration solution architecture for supply chain life cycle using BizTalk and EDI documents 832, 846, 850, 855, 810 and 867.
  **Project Description**: The purpose of the Zones ERP integration project is to provide Zones with a centralized EDI / B2B solution for EDI processing with trading partners and processes with Diversified requirements and technologies.
  Additionally, the purpose of this project is to defined strategy and road map for migrating legacy integration technologies to Microsoft platform with focus on BizTalk server 2010 and Dynamics AX 2012
  It leverages the features of BizTalk EAI, EDI configurations to provide a centralized and

Streamlined invoice processing solution for effective and efficient business operations.

**NIIT Tech Ltd.**                                               Oct 2009 – July 2012

1.  Project- Tenix VicRoads Integration System
    **Technologies Used**: BizTalk 2010, C#, Dot Net, SQL Server 2008, and WCF
    **Interface:** VicRoads Phase 1(Driver Details), VicRoads Phase 16(Demerit Point)
    **Roles:** BizTalk Developer

    **Responsibilities:**
    - Analysis of functional requirement
    - Follow the coding standard provided
    - Low level designs for interface
    - Worked on creating Orchestration flow, schemas and maps

    **Project Description**: This System Integrates VicRoads System with IME System. This project
    Will help IME System to retrieve driver details or vehicle registration details from VicRoads.
    This project will also help in managing demerit points (Apply Sanction, Remove Sanction)

2.  Project- Tenix IME System Team
    **Technologies Used**: BizTalk 2010, C#, Dot Net, SQL Server 2008, and WCF
    **Interface:** TCS

    **Roles:** BizTalk Developer
    **Responsibilities:**
    - Analysis of functional requirement
    - Follow the coding standard provided
    - Low level designs for interfaces
    - Worked on creating Orchestration flow, schemas and maps

    **Project Description**: This is an Infringement Management & Enforcement System for
    Victoria State in Australia. This project will help Victorian government to enforce
    Victorian to pay for their traffic or other related infringement. This is a technology
    Mixed project and having 27+ external interfaces.

3.  Project- Tenix FPM System
    **Technologies Used**: BizTalk 2010, C#, Dot Net, SQL Server 2008, and WCF
    **Interface:** WestPac, Bpay, Maxi, Decipha and Centrepay

    **Roles:** BizTalk Developer

    **Responsibilities:**

    - Analysis of functional requirement
    - Follow the coding standard provided
    - Low level designs for interfaces
    - Worked on creating Orchestration flow, schemas and maps

    **Project Description**: This is a Financial Processing Management System for Victoria State in
    Australia. This project will help Victorian government to enforce Victorian to Pay for their
    Traffic or other related Infringement. **Manage Payment Plans from various agencies**