

Biswajit Mohanty

E-Mail: biswajitmohant@gmail.com biswajit_moh@yahoo.co.in

Phone: +91 - 9985172642

Current Organization: **Capgemini Technology Services India Limited, Hyderabad**

Current Role: **AZURE INTEGRATION
ARCHITECT**

Extensive experience in architecting, developing and executing full life-cycle development projects; ramping-up projects within time, budget & quality parameters, as per industry best practice guidelines and latest technologies stack.

SKILL SET

1) PROGRAMMING LANGUAGES & WEB TECHNOLOGIES

- ☐ C#.NET, ASP.NET
- ☐ ASP.NET MVC 5
- ☐ ASP.NET CORE 3.1
- ☐ ADO.NET, ENTITY FRAMEWORK
- ☐ C, C++, Data Structure & Algorithms

2) AZURE CLOUD COMPUTING

- ☐ Azure WEB API,
- ☐ Azure Data Factory
- ☐ LOGIC APPS,
- ☐ Function Apps,
- ☐ ASP.NET CORE WEB APP,
- ☐ COSMOS DB (NoSQL),
- ☐ Azure Service Bus,
- ☐ Azure Blob Storage,
- ☐ EventGrid, EventHub,
- ☐ Azure SQL Server,
- ☐ Application Insight Telemetry

3) DATABASE

- ☐ SQL Server 2012/2014/2019

4) ENTERPRISE APPLICATION INTEGRATION (EAI)

- ☐ BizTalk Server 2009/2010/2013 R2/2016
- ☐ ESB (Enterprise Service Bus)
- ☐ BRE (Business Rule Engine)
- ☐ XSD, XSLT
- ☐ EDI (Electronic Data Interchange) Integration using X12/AS2 protocol
- ☐ EDI HIPPA standard
- ☐ OPENTEXT BIZManager, BIZMapper

PROFILE SUMMARY

- Over **15.5** years of software solution development and architecture experience in Microsoft Full stack technologies (**C#.Net, ASP.NET MVC5, ASP.NET Core 3.1**, Entity Framework, Azure cloud computing including **Azure Web API, Logic Apps, Function Apps**, Azure Data Factory, Azure Machine Learning, EAI technology stack of **BizTalk Server 2009/2010/2013R2/2016**, ESB, BRE, BAM, **EDI** transactions, RDBMS for SQL Server 2012/2019).
- Expertise in developing Azure cloud solution including Azure Web Sites, **Web App** with Azure Active Directory (**AAD OAuth**) authentication, business logic process flow using Logic Apps and Function Apps, **NoSQL Cosmos DB** implementation, **Application Insight** Telemetry.
- Extensive expertise in solution design and development for enterprise application integration applications using **BizTalk Server 2009/2010/2013R2/2016**, Enterprise Service Bus (ESB), Business Rule Engine (BRE) and Business Activity Monitoring (BAM).
- Expertise in Electronic Data Interchange (**EDI**) transactions for Supply Chain Domain, Retail domain, Health Care Insurance domain and e-commerce domain, so got hands-on development and functional exposure for **EDI 850, 858, 856, 945, 810, 204** format transactions for Supply Chain/Retail/e-Commerce domain and **HIPPA EDI 837** (I, P and D), **834, 835** formats for Health Care Insurance domain. Expertise in EDI trading partner party configuration, **AS2/X12 Agreements** setup, batching configuration.
- Gained exposure in all the phases of **Software Development Life Cycle** (SDLC) entailing requirement analysis, design, development, delivery and support. Demonstrated results-oriented approach on all the projects under a well-defined process, and delivered all the projects with the great quality, and met all target goals and objectives.
- Experienced in working directly with clients to define requirements, design, development and successful implementation of applications on time. Eager to learn and adapt new technologies, platforms and domain.

ORGANIZATIONAL EXPERIENCE

Name	Designation	Start Date	End Date
Capgemini Technology Services India Ltd	Technical Architect	20-Aug-2021	Till Date
Microsoft India R&D Pvt. Ltd.	Senior .Net & Azure Architect	16-Mar-2015	12-Mar-2021
Infosys Limited	Senior Consultant	08-Oct-2012	10-Mar-2015
Capgemini India Pvt Ltd	Consultant	31-Dec-2010	01-Aug-2012
Accenture Services	Senior Software Engineer	31-Aug-2009	20-Dec-2010
WIPRO Technologies	Project Engineer	24-Oct-2005	28-Aug-2009

CERTIFICATION & AWARDS

- CPE Individual Award for Customer Obsession 2020 – Microsoft India.
- Award for Excellent job for MSCIT Holiday Livesite Support 2016 – Microsoft India.
- Best Performer of the Quarter with Growth MindSet 2011 – Capgemini India.
- Employee of the Quarter 2007, 2008 – Wipro Technologies.

ACADEMIC DETAILS

Exam passed	Name of College & University	Year of Passing	Percentage of marks
B.E. (Bachelor of Engineering) Computer Science and Engineering	Institute of Technical Education & Research (ITER),Bhubaneswar Biju Pattanaik University of Technology, Orissa.	2005	69.2%
Intermediate Science (10 +2 equiv.)	College Of Basic Science & Humanities, Bhubaneswar Council of Higher Secondary Education (C.H.S.E.), Orissa.	2000	72%
10 th (Matriculation)	Handidhuan High School, Angul Board of Secondary Education, Orissa.	1998	87.6%

PROJECT SUMMARY

❖ Microsoft Supply Chain Management (Mar-2015 to Till Date)

Employer: Microsoft India R&D Pvt. Ltd.

Technology: Azure WEB API, Logic Apps, Function Apps, Azure Active Directory, Key Vault, C#.NET, ASP.NET CORE

Description:

Microsoft develops many hardware products like Xbox video game consoles, Xbox game controllers, HoloLens smartglasses, Surface Book, Surface Pro and many non-serialized products. The marketing and sell of these products are handled, managed and monitored by Microsoft Supply Chain Business team. Software applications have been developed for operating and managing online customer Orders, Retail Orders, Manufacturing of products, shipment, handling of logistics, managing return/exchange/warranty service of products. The solution involves Enterprise resource planning through SAP, partner integration though Azure Web API, Logic Apps,function apps and Azure Active Directory Authentication.

Role and Responsibility:

→ Requirement analysis, Solution design and architecture

→ Application development in C#.NET, ASP.NET CORE, Azure Web Api, Logic Apps, Function Apps. AAD Auth, Azure Data Factory

→ Dev Ops responsibility of continuous integration and deployment, service health monitoring, production support

❖ DELL Manufacturing Execution System (MES) Implementation (Nov-2012 to Feb-2015)

Employer: Infosys Limited.

Technology: BizTalk Server 2010/2013 R2, ESB (Enterprise Service Bus), EDI, C#.NET, ASP.NET MVC

Description:

Dell Inc. has seven factories for producing Dell hardware products across the globe. For all these factories, MES (Manufacturing Execution System) Software solution has been developed to centralize the monitoring, processing and execution of work order, product delivery and customer support. Microsoft Dynamics AX is used as the ERP platform. BizTalk Server and ESB have been used as the EAI (Enterprise Application Integration) technology for integration of message flow between Dynamics AX and different Customer facing application developed using IBM MQ Series Queue, Microsoft MSMQ, Sql Server and .Net technologies.

Role and Responsibility:

- Requirement analysis, Solution design and architecture
- Application development in C#.NET, BizTalk Server 2010/2013 R2, Orchestrations, Maps, Custom Pipelines, BRE (Business Rules Engine), BAM (Business Activity Monitoring)
- Application development for EDI transactions (EDI 850, 856, 858, 810), trading partner party configuration and agreement profile creation.
- Production deployment, solution health monitoring, production support

❖ **StoreFront 2.0, CGXSolutions (Jan-2012 to Aug-2012)**

Employer: Capgemini India Pvt. Ltd.

Technology: BizTalk Server 2009/2010, C#.NET, Sql Server 2008, BizTalk Adapters for SQL, SFTP, WCF-WSHttp, WCF-SQL

Description:

CGXSolutions is an USA based printing devices product company and the StoreFront Software application is developed to help the client to provide a Web based application interface for the customers to order printing devices products online through various steps of Order purchasing, Order browsing, shopping cart, order approval and order processing. StoreFront is made up of five types of business services API that can be classified as: Shopping Cart, Product Catalog, Approval System, User Management, and Order Processing.

Role and Responsibility:

- Requirement analysis, Solution design and architecture
- Application development in C#.NET, BizTalk Server 2009/2010, Orchestrations, Maps, Custom Pipeline components, BRE, Web Services, WCF Services
- Development of automation code for unit test cases using C#.Net. Code Review and Bug fixes.
- Production deployment, solution health monitoring, production support

❖ **Assurant Insurance EDI Integration (Dec-2010 to Jan-2012)**

Employer: Capgemini India Pvt. Ltd.

Technology: BizTalk Server 2009/2010, C#.NET, Sql Server 2008, BizTalk Adapters for SQL, SFTP, WCF-WSHttp, WCF-SQL

Description:

Assurant Insurance EDI integration project is related to the development of Enterprise Application Interface where EDW (Enterprise Data Warehouse) data flows through BizTalk orchestration and gets processed through different business rules and logics, then routed to enrolled Insurance subscriber trading partners. The Data transmitted is in HIPAA EDI 837 Claims (for Institutional, Professional and Dental), EDI 835 Claim payment, EDI 834 benefit enrollment format. So this HIPAA EDI integration BizTalk application receives and processes the EDI messages in 4010 or 5010 formats through the EDI receive pipelines and orchestration workflow, apply the necessary mapping transformations and sends the output flatfiles after passing through the EDI send pipeline and other custom send pipeline components.

Role and Responsibility:

- Requirement analysis, Solution design, Analysis of HIPPA EDI Implementation guides.
- Application development in C#.NET, BizTalk Server 2009/2010, Orchestrations, Maps, Custom Pipeline components, BRE, Web Services, WCF Services, Trading partner party set up and agreement configuration.
- Development of automation code for unit test cases using C#.Net. Code Review and Bug fixes.
- Production deployment, solution health monitoring, production support

❖ **Fare Management Solution, PRESTO GTA (Greater Toronto Area) (Nov-2009 to Dec-2010)**

Employer: Accenture Services.

Technology: BizTalk Server 2009/2010, C#.NET, Sql Server 2005, BizTalk Adapters for SQL, SOAP, SFTP, WCF-WSHttp

Description:

The Greater Toronto Area Fare System (GTAFS) is a regional automated fare collection system that will establish a single farecard based on contact-less smartcard technology that will allow cardholders to access any of the GTA's nine transit service providers providing multiple modes of transit (e.g., trains, subways, buses). Cardholders can preload their farecards either automatically or as requested with amount. As Cardholders move through the various

transit service provider networks, amount will be deducted from the farecards based on transit usage and will apply applicable discounts (e.g., seniors, youth, and frequent travelers). A central system will process, settle and distribute funds on a daily basis to the appropriate service providers and calculate the required fees and commissions that apply to third party agencies that provide farecard services (e.g., purchase farecards, add value).

Role and Responsibility:

→ Requirement analysis, Solution design.

→ Development of BizTalk interfaces, Orchestrations, Maps for Card production and Central Clearing module.

→ Application development in C#.NET, BizTalk Server 2009/2010, Orchestrations, Maps, Custom Pipeline components, BRE components for tax calculation and report generation for Presto Cardholders module.

→ Development of automation code for unit test cases using C#.Net. Code Review and Bug fixes.

→ Production deployment, solution health monitoring, production support

❖ **Windows Sustained Engineering - WinSE (Jan-2008 to Aug-2009)**

Employer: Wipro Technologies.

Technology: C#.NET, ASP.NET, MITA Framework, RPF Framework

Description:

The project deals with providing the sustained activity to the Microsoft Windows Operating System in various flavors (Windows XP, Vista, Win7). The project aimed at maintaining a secure and reliable Windows OS platform. This involved automating test cases, automation testing of fixes that goes in several Kernel and User mode components during release of various service packs and critical updates for microsoft operating systems.

Role and Responsibility:

→ Responsible for development of automation of test cases for audio and video functionalities of multimedia and moviemaker components and also for Ultimate Extras component.

→ Involved in testing of the Service packs, which includes bug fixes, and security updates, Builds testing, Code Coverage testing, closing of bug activity by performing the regression testing, developing test follow-ups

→ Involved in automating existing manual test cases using C#.NET, MITA framework and RPF framework for all components mentioned below.

- ✓ Multimedia and Moviemaker
- ✓ Windows Ultimate Extras Pipeline
- ✓ Hold 'Em Game
- ✓ Microsoft Tinker Game
- ✓ DreamScene and Content Packs
- ✓ Language Packs
- ✓ XPS Essential Packs, Ultimate Extras Sound Schemes

❖ **SSGMON Dashboard Development (Dec-2005 to Jan-2008)**

Employer: Wipro Technologies.

Technology: C#.NET, ASP.NET, ASP.NET User Controls, Web Forms, Validation Controls, Sql Server 2005/2008

Description:

The "SSGMon Dashboard Reporting Tool" helps in monitoring the status of the health of MSN Platform Services infrastructure and servers. The Dashboard Tool provides various kinds of reports by monitoring the performance counters of the infrastructure or servers in near real-time. The Dashboard provides charts and tabular representation of performance counter data and alert users for any deviation from the desired state/pattern of the server infrastructure. The Tool has the ability to collect and report performance counters such as, Standard OS Performance Counters for all services like

Processor % usage, Physical Memory, Cache Memory, Instances of CPU, Disk Throughput, Network Throughput etc.

Role and Responsibility:

→ Requirement analysis, Solution design and architecture

→ Development of Web UI and presentation layer, user controls, validation controls, web forms.

→ Development of database connectivity logic using ADO.NET, stored procedure, database layer design