

PROFESSIONAL SUMMARY

- 14 years of experience in requirement analysis, architecture, design, development and implementation of complicated products, platforms, web applications, cloud applications, windows applications and client-server applications mainly using **Microsoft Technologies**.
- Working as **Senior Technology Architect** with **Infosys Limited** at **Redmond, WA, USA**.
- **Hold Bachelors of Technology (B. Tech.) degree in Computer Science & Engineering and trained on TOGAF 9.0.**
- **Microsoft Certified Technology Specialist, Microsoft Certified Professional, Java Certified Programmer**
- 6+ years of experience in architecting and designing complex solutions using advance and best-of-breed technologies, design patterns and architectural styles. Worked as an architect for the design of the enterprise architecture strategy using EAI, ESB, SOA, MVC, MVVM and Layered Architectural styles and concepts.
- Architecting solutions that involves hybrid technology stacks like Microsoft, JAVA, Oracle, SAP, IBM, etc. for Enterprise Architecture. Involved in Architecture Refactoring, Capacity Planning, Application Transformation, Application Consolidation, Due Diligence, Delivery Assurance and Competency Building.
- For over 14 years successfully taken several clients from many sectors through all phases of the application development life cycle. Managed Application development projects with Waterfall and Agile Scrum models in onshore-offshore model.
- Strong knowledge of Design Patterns, Object Oriented Analysis and Design Methodologies (**OOA** and **OOD**), Object Oriented Programming (**OOPS**), Object-Relational Mapping (**ORM**) and UML design methodologies and is well versed with component-based architecture and design on Microsoft technologies.
- Team player with excellent communication, trouble shooting, debugging and strong analytical problem solving skills, ability to work in groups & adapting to fast changing skills and work environment.
- Actively involved in **Project Management** activities like Project Charter, Project Metrics, Project Tracker, WBS, RAID Matrix, Project Schedule (MPP), Requirements Traceability Matrix (RTM), Project Plan Document (PPD), Communication Plan, Configuration Management Plan, Service Management Plan, Deliverables Definition Document, Weekly Status Report, Resource Ramp-up and Ramp-down, Estimations, Project Costing, Root Cause Analysis (RCA), Defect Management, etc.

MICROSOFT CERTIFIED TECHNOLOGY SPECIALIST AND MICROSOFT CERTIFIED PROFESSIONAL

- MCPS: Microsoft Certified Professional
- MCSA: SQL Server 2008
- MCTS: Microsoft BizTalk Server 2010
- MS: Microsoft Dynamics CRM 2013 Applications
- MCTS: SharePoint 2010, Configuration
- MCTS: SQL Server 2008, Implementation and Maintenance
- MCTS: SQL Server 2008, Business Intelligence Development and Maintenance
- MCTS: .Net Framework 2.0, Web Applications

TECHNICAL SKILLS

.Net Technologies:	C#, ASP.NET, VB.NET, MVC5.0, EF6.0, WCF, LINQ, Web Services, Web API
Web Technologies:	HTML5, CSS3, jQuery, JavaScript, AngularJS, ASP, PHP, JSP, VBScript, Bootstrap
Azure Technologies:	Web Role, Worker Role, Service Bus (Queue, Topics, Relay), ACS, SQL Azure
BPM / EAI:	Microsoft BizTalk Server 2006/2010/2013

CRM: Microsoft Dynamics CRM 2011/2013/2015
Business Reporting Tools: Crystal Reports, SQL Reporting Services
RDBMS/DBMS: SQL Server 2014 / 2012 / 2008 R2 / 2008 / 2005 / 2000, MySQL, Oracle 9i/10g/11g
Frameworks: Entity Framework 6.0, MVC 5.0, MVVM

EDUCATION

- Computer Science and Engineering, Bachelor of Technology (73%) 1997 – 2001
- Higher Secondary (67%) 1994 - 1995
- Secondary (73%) 1992 - 1993

JOB HISTORY

Infosys Technologies Limited, India Senior Technology Architect

September 2011 - till date

Microsoft CFIT - Enterprise Payee Portal

April 2015 - till date

- Worked as Solution Architect and Dev Lead for the Enterprise Payee Portal (EPP) developed as part of the Payee Onboarding Work stream and the portal have configurable workflows, integration with other internal LOB Apps and leveraging the Payee Onboarding Platform (POP).
- Leading the Infosys developers for the new portal development in the areas of New Vendor Justification and New Vendor Acceptance. Involved in solution architecture, design, development, testing and bug. Global Agile development teams spanning 2 locations across, multiple features and tracks.
- Working as Independent Contributor and Developer – Development using Web Role, Worker Role, Service Bus (Queue, Topics, Relay), ACS, ASP.Net MVC, C#, Angular.js, jQuery, twitter bootstrap.
- Program Coordination, Project Budgeting, Staff Planning, Resource Ramp-up/Ramp-down, Task Planning, Status Reporting and Client Relationship.

Microsoft Dynamics CRM Product Development

November 2013 - April 2015

- Worked as Solution Architect and Dev Lead for the client services track of Microsoft Dynamics CRM Product. Co-developing all features that strengthen Sales and Marketing verticals of Dynamics CRM 2015.
- Leading the Infosys developers for the new feature development in the areas of Web Client, MoCA and Outlook client. Involved in design, development, testing and bug fixing (WBB, ZBB, AskMode). Global Agile development teams spanning 3 locations across, multiple features and tracks.
- Working as Independent Contributor and Developer – Development using MVVM, Script #, HTML5, JavaScript, React Framework (Facebook), iOS, Android, Windows shim, AppleScripts, Native Office development, jQuery, ASP.Net, C#.
- Program Coordination, Project Budgeting, Staff Planning, Resource Ramp-up/Ramp-down, Task Planning, Status Reporting, Client Relationship.

Molina Healthcare (CRM Integration using BizTalk)

May 2013 - October 2013

- Worked as Solution Architect for Molina CRM Integration project - Enterprise Application Integration (EAI) Solution for integrating Microsoft Dynamics CRM 2011 with legacy applications
- Understanding of business requirements and the process of translating them into well-engineered and integrated technical solution – come up with Overall Solution Architecture, Functional Architecture, Deployment Architecture and Network Architecture.

- Worked with Customer's Enterprise Infrastructure Services (EIS) team for providing the Disaster Recovery (DR) Solution for CRM and BizTalk Server Farm. Hardware Sizing, Software BoM and Network Sizing for CRM Integration project. Implemented strategies for performance, testability, maintainability, high availability (disaster recovery), usability and scalability.
- Prepared Functional Design Document (FDD) and Technical Design Document (TDD) – Use Case Diagrams, Sequence Diagrams, Component Diagrams, Deployment Diagrams, and Class Diagrams.
- Worked as BizTalk and WCF Developer: Developed WCF Framework for CRM Wrapper Services, Enterprise Services and Integration Services, Developed the BizTalk Solution Framework and Core Solution. Created Schemas, Pipelines, Transformations, Orchestrations, Pipeline Components in BizTalk Server.

Tesco (WINE - OMS)

May 2012 - March 2013

- Responsible for the development activities, overall design and architecture of BizTalk OMS Solution - Created Schemas, Pipelines, Transformations, Orchestrations, Pipeline Components in BizTalk Server.
- Extensively worked on SQL Server 2000/2005 (SSIS Packages, database design, stored procedures, jobs). Optimization of SQL queries for improving the performance
- Actively involved in Project management and release activities and worked on Release Plan, Sprint Planning, Deployment Plan, Sprint Estimations and Task Management.
- Created the Binding Files, MSI file for build and deployment of BizTalk Apps on Development, Integration, Test and Pre-Production environments.
- Requirements analysis/elicitation, recording with clarity the business requirements or technical requirements. Prepared Architecture Diagrams, Data Flow Diagram (DFD) and Business Workflows to help OMS team in understanding the overall design and architecture of the OMS. Worked on Low level and High level design document which include UML design artifacts - Architecture Diagrams, Component Diagrams, and E-R Diagram. Used Microsoft Visio for designing Object Oriented Analysis & Design (OOAD) artifacts.

Kraft Foods

September 2011 - May 2012

- Preparing Low level and High level design documents. Responsible for Coding, Testing and Delivery of the application and leading a team of 8 programmers. Development on all tiers, web, business process, data access, database and client using C# .NET, ASP.NET, ADO.NET, AJAX, LINQ, SQL Server.
- Designed and developed web application, custom .NET components and user controls using ASP.NET and C#.
- Created SOA based web services using Windows Communication Foundation (WCF)

WIPRO Limited, Gurgaon, India Solution Architect

December 2009 - September 2011

- Responsible for understanding of business requirements and the process of translating them into well-engineered and integrated technical solutions using Service Oriented Architecture (SOA), N-Tier Architecture, Model-View-Controller (MVC) and reusable components.
- Designed and implemented complex solution architecture; implemented strategies for database high availability and scalability. Designing the high and low level architecture of the enterprise organizations.
- Experience with architecture design concepts and techniques and the ability to communicate and evangelize those concepts to a broad based team.
- Estimation of the effort required for developing the new system using Function Point Analysis and Work Breakdown Structure and accordingly preparing the project plans, delivery plans and schedule.
- Preparing the technical and commercial proposals and presentations for the proposed solution.
- Involved in end to end Pre-Sales process, from Service Selling, responding to RFP to PO booking and governance.
- Developing the Proof of Concepts using advance technologies for demonstration of customers' business needs.

DELL Services (formerly Perot Systems), Noida, India
Project Leader, Technical Architect

November 2004 - December 2009

Linklaters LLP, London

August 2008 - December 2009

Project: Information Barriers

The scope of this Project is to automate the process of protecting the flow of confidential information within Linklaters. This project is using Agile Development Methodology.

- Prepared requirement specifications, Data Flow Diagram (DFD), Use Case Diagrams and Business Workflows.
- Estimation of the effort required for developing the new system using Function Point Analysis and Work Breakdown Structure and accordingly preparing the delivery plans and schedule.
- Designed the high and low level architecture of the system. Implemented a loosely coupled N-Tier architecture using Business Façade Layer and BizTalk Server.
- Prepared Low level and High level design documents for the system which include UML design artifacts Use Case Diagrams, Sequence Diagrams, Component Diagrams, Deployment Diagrams, and Class Diagrams.
- Responsible for Coding, Testing and Delivery of the application and leading a team of 8 programmers. .NET expert and mentor, as team had little .NET experience.
- Development on all tiers, web, business process, data access, database and client using C# .NET, ASP.NET, ADO.NET, AJAX, LINQ, SQL Server 2005, T-SQL, Telerik controls
- Designed and developed web application, custom .NET components and user controls using ASP.NET and C#.
- Created SOA based web services using Windows Communication Foundation (WCF)
- Created Schemas, Pipelines, Transformations, Orchestrations, BAM Reports in BizTalk Server 2006 R2.
- Prepared Units Test Cases and Manual Test Cases using Visual Studio 2008.

MIVA Inc, Fort Myers, Florida

August 2007 - August 2008

Location: MIVA Inc, Fort Myers, Florida (Onsite)

Project: Miva

The scope of this Project is to develop and enhance the multiple web applications used in the Miva. This project includes Application maintenance and Support services on multi location delivery model. This project has all service level delivery components like Incident Management, Problem Management, Change Management, and configuration Management. MIVA has chosen Perot Systems to migrate, enhance their existing applications accelerate the process; mitigate the risks to meet business requirements.

- Responsible for overall architecture of the .NET Web applications and service components
- Analysed requirements directly with the customers, and co-author of functional and technical design specifications.
- Worked on the following applications of MIVA: PPC, AdCenter, PartnerCenter, Account Management, ASP API, MetaFeeds, Miva Match, Customer Service, FindWhat.com, Miva.com, MIVA Bid Knowledge, EU Revenue Graphs, MIVA Search 5.2, using ASP.Net 2.0, Visual Studio 2005, MSMQ and SQL Server 2005
- Designed and developed web application, custom .NET components and user controls using ASP.NET and C#.
- Extensively worked on SQL Server 2000/2005 (database design, stored procedures, triggers, user-defined functions, jobs, replication, database backup). Optimization of SQL queries for improving the performance
- Actively involved in Project management and release activities and worked on Release Plan, Change Request, CCN Document, Deployment Plan, Estimations and Task Management. Involved in ITIL activities like Change Management, Incident Management and Request Management and used the Remedy tool.
- Managed over 200 changes to the system using task based Gemini.
- Created custom build and deployment server for Development, Integration, Test and Production.
- Integrated multiple new and existing systems utilizing MSMQ, Web Services, and Windows Services. Developed Queue Processors using VC++.

Hamilton Sundstrand, Windsor Locks, Connecticut

November 2006 - August 2007

Location: Hamilton Sundstrand, Windsor Locks, Connecticut (Onsite)

Project: Space, Land and Sea (SLS)

The scope of this Project is to develop various financial and EVMS projects of SLS Program Planning & Control group in Hamilton Sundstrand which included Shuttle, Casper, PX and TIGER.

- Responsibilities include analyzing and evaluation of existing systems. Identify and consolidate the Requirements, Prepares program specifications and diagrams, and develops coding logic flowcharts.
- Developed WinForms using VB.Net, VB6 and 3rd party controls (e.g. ComponentOne controls).
- Designed Database Tables (oracle) used in the Application. Extensively worked on Oracle 9i/10g (SQL queries, database design, and stored procedures) and TOAD.

Hamilton Sundstrand, Windsor Locks, Connecticut

January 2005 - November 2006

Location: Perot Systems, Noida, India (Onshore)

Project: Training Management System

The project involved migration of database from Oracle to SQL Server 2000.

- Involved in Analysis and breakdown of highly volatile and complex PL/SQL code to determine the logical flow and capturing of business requirements.
- Involved in Database creation in SQL Server & migration of test data from Oracle to SQL Server.
- Responsibilities include debugging, bug-fixing and running jobs in SQL Server.

Project: Customer Direct Ships

Customer Direct Ships is an application that is used by the suppliers for shipment authorization, SNR report, shipment label reprinting and cancel shipment. .

- Prepared SRS, Design Document, and Test Plan. Prepared program specifications and diagrams, and develops coding logic flowcharts.
- Designed and implemented the GUI using C#, ASP.NET. Developed business layer and data access layer for the application. Created Data bound controls using Data Grid and Dataset for Web Forms Application.

Project: TIGER Enhancements

The Tiger system is a UTC scheduling tool based on Microsoft Project 98, customized for UTC. It implements a bi-directional interface to J D Edwards, where the financial aspects of the programs are controlled.

- Worked on the following applications of IT Department, Hamilton Sundstrand: Workbench, Tree tool, BCR tool, Resource tool, Data import, BCR Resource tool, Performance tool, GlobalMpt, Tigress, Estimated actuals, Document manager and Validate IMS.
- Developed WinForms using VB.Net, Visual Basic 6.0 and 3rd party controls (e.g. ComponentOne controls). Extensively worked on Oracle 9i/10g (SQL queries, database design, packages and stored procedures) and TOAD 9.1.
- Created and Implemented Unit and Integration Test Cases. Created High Level and Low level Design document. Involved in conducting Code Reviews, Project Release Management and Process Management
- Carryout Unit testing, Integration and User Acceptance testing.

Netsoft Informatics Pvt. Ltd., Chandigarh, India

July 2004 - October 2004

Senior Software Engineer

Project: Norchio.net Website (Norchio Inc., Oslo, Norway)

The scope of this Project is to develop Multi-tier ASP.Net web application using Remoting for providing Role-based access consisting of various modules/interfaces.

- Responsibilities are designing, coding and testing of web application using ASP.Net, C#, .NET Remoting.
- Involved in designing, creation and maintenance of the database. The job included creating tables, user-defined functions, triggers, indexes, functions and stored procedures using SQL Server 2000.

Safaltek Software Pvt. Ltd., Chandigarh, India

November 2003 - July 2004

Senior Software Engineer

Project: Baynet Website Builder (Baynet World, Inc., San Francisco, USA)

This is the database driven real estate agents web site builder portal. The real estate agents throughout US register on this web portal and their full-fledged web site (or Company's web site) will be created on the fly.

- Developed Content Management System (CMS), PDF Generation Tool, Newsletter Tool and WYSIWYG Web Editor using ASP.Net, C# and JavaScript.
- Developed Web Services for synching the information of current site with partner sites.
- Developed Windows services in C# for creating Task Scheduler for Newsletter, LAMProx and MLA services.
- Designed the database, created stored procedures, user-defined functions, triggers and jobs in SQL Server 2000.

Hartron Informatics Limited, Chandigarh, India

February 2002 - November 2003

Software Programmer

Various projects of Haryana Government, India

- Involved in the Requirements Analysis, Design, Development, Documentation, Coding, Test Cases Preparation, Unit Testing and Implementation of various web sites and windows applications for Haryana Government, India. Working under **National Informatics Centre (NIC)**. Worked on the various projects like NAIDISHA, NBEDS, Integrated Computerized Land Records, Computerization of Revenue Department (CORD), Land Records Monthly Progress Report, Online Treasury Information System, Online Grievances Information, etc.
- Involved in creation, design and maintenance of the database. The job included creating tables, triggers, indexes, functions and stored procedures using SQL Server 2000.
- Developed multilingual web sites and windows application for Haryana Government using ASP, VB 6.0.

GCS Computers Pvt. Ltd., Chandigarh, India

August 2001 - January 2002

Technical Trainer

- Trained and assisted over 100 students on various IT courses of Punjab Technical University, Jalandhar.

AWARDS AND HONORS

- Award for Excellence - 2014-2015 - - Technical Excellence for Microsoft Dynamics CRM Product Development program.
- ENG Pinnacle Award 2014-2015 - Achiever Award.