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| ABHIJIT  MANDAL  ABHIJIT  MANDAL  SSE at Microsoft,  Azure Solutions Architect, PMP  Redmond, Washington, United States  **E**-mail: abhijit.mandal26@gmail.com  **C**ell: +1 (703) 349-9803  https://www.linkedin.com/in/abhijitmandal | SUMMARY  I am a software professional with 17+ years of experience in IT Industry with strong Architectural, Management and hands on development skills. I have a portfolio of successfully delivering IT Application Development projects. I have a great passion for designing software architecture and optimized solutions by following the latest industry standards.  I have a great passion for designing software architecture and optimized solutions by following the latest industry standards. I look forward for use cases and learnings from different organizations and attending various technology conferences and events.  Areas of Expertise:   * Application Design and Development * Solution Architecture (Cloud/On-Premise) * Technical Architecture (Microsoft Technologies) * Project Management |
| EDUCATION-TRAINING   * **MS in Data Science**, Bellevue University, US * **Masters in Computer Application** – NIELIT, New Delhi, India * **Microsoft Certified Azure Solutions Architect** * Project Management Professional (**PMP**®) * **Microsoft Certified Technology Specialist** (Dot Net Web Apps) * Trainings Undergone: Agile/Scrum Master, Six-Sigma Green Belt, OnBase Sys Admin & Advanced Workflow Design.   WORK EXPERIENCE   * **Business Domains:** Healthcare & Auto Insurance, Pharmaceutical and Accounting. * **Organizations Served:** Microsoft**,** HCL America Inc.**,** Syntel Inc., Omnitech, KPMG, Mphasis, an HP Company and Cognizant. * **Clients Served:** GEICO, Microsoft, Ameriprise Insurance, Tokio Marine America Insurance, Wellmark - Blue Cross Blue Shield of Iowa, Delta Dental, NASCO, BCBS Arizona, United States Government Services, and Wisconsin State Medicaid, Pfizer. | SKILLS   * **Cloud (Azure):** Hybrid networks, firewall, Load balancers, app gateways, app service environments, NSG, Security, Access Management, Virtual networks, subnets, Service Bus Relay, Azure Data factory, Data lake**,** Cosmos DB, Queues, Topics, Azure SQL DB, Graph DB, Table/Blobs storage, Web/Worker Roles, Redis Cache, Service Bus, ACS/AAD, Event Hub, Stream Analytics, Azure Bots, Azure Functions, Application Insights, Log Analytics, Azure Data Lake, ADF, Azure Automation, Disaster recovery, Key vault, RBAC, SASS, encryption and key management. * **Web Technologies**: Asp.Net MVC (v2, 3,4,5,6), Web Api, Asp.Net Core 2, Asp.Net Web Forms (Dot net v2,3.5,4,4.5,4.6), IIS, REST, WCF (4, 5), Web and Windows Services * **Languages**: C# (Dot net v2, 3.5, 4, 4.5, 4.6), VB.Net, C++, PowerShell. * **Frameworks**: MVC, MVVM, ADO.Net Entity Framework (4, 5), Node.js. * **Database**: SQL Server 2012/16, Oracle 9i/10g/ 11g, DB2, No SQL DB – MongoDb, Cosmos DB, Graph API. * **Client Languages/Frameworks:** Angular.js 1/2, Typescript, Knockout, jQuery, JavaScript, Telerik Controls, HTML5, CSS3, Bootstrap, Node.js * **Others: LINQ,** ADO.Net, SharePoint Designer, CRM dynamics 2016, AdxStudio, RabbitMQ. * **Reporting:** SSRS, Crystal Reports and Power BI. * **Products/Tools:** Microsoft Visual Studio 2013/2015/2017, MS Access, MSPS, VISIO, MS Project, Vault, SVN, SAP, Compass, ERWIN, TFS, UML, SSIS, SOAP UI, JMETER. * **Operating System**: Windows 9x/NT/2000/2003 /XP/ 7/8, Server 2012 * **Methodologies:** **Agile/Scrum**, OOAD & Waterfall. * **Third Party Tools:** OnBase, HP Diagnostics, AppDynamics, SCOM, Dynatrace, Log4Net, Splunk, Veracode, Lucene, Solr indexing. * **Job Functions**: Project Proposal, Cost & Estimation, Client Communications, Requirement Management, Stakeholder management, Procurements, Technical Leadership, Application Design & Development & Testing, Continuous integration and change control. |

EXPERIENCE OVERVIEW

* Expertise in Solutions/Technical Architecture**,** Architecting Cloud based applications in **Azure cloud** PaaS/ IaaS/ SaaS, automated deployment CI/CD, migrating on-premise applications to Azure, DB migration, Data Analytics, experience in all azure areas like **Networking** (Cloud/hybrid), **Compute**, **Storage**, **messaging**, **Azure Services**, **Security**, **CI/CD**, **DevOps**, implementation of **cloud design patterns**.
* My project experience includes systems design, Web/Desktop application design and development, Application Security, API’s/component/database design, distributed applications design, development of Cloud/Windows/Web based solutions, Message Oriented Applications, service Development, Algorithms, multi-threaded applications, Application & Infrastructure monitoring solutions. Requirements gathering and design discussions good experience with **Use Case**, User Story and **UML.**
* I have extensive hands-on experience in **WEB API, MVC**, **Asp.Net**, **C#. Net**, **SOA**, **WCF** **and REST based** services. creating reference framework, NuGet packages, reusable libraries and setting up standard policies of N-tier enterprise application development environment, using architectural **design patterns, Object-Oriented** design, **Service** **Oriented** **Architecture** and N-tier distributed application design, experience in **optimizing** web application **performance** and working with heavy data volume and user base
* I have successfully conducted functional and technical assessments of current business and technology architectures and provided optimal solutions for a varied range of customers. I have experience in **migrating from legacy applications** (Classic Asp, Asp.Net Web Forms, Mainframes, Older Dot Net Frameworks (1.1, 2.0, 3.5)) to latest Microsoft applications and to **Cloud/Hybrid** solutions.
* I am a certified **PMP** and have **5+ years** of **Project** **Management** experience in handling **small to** **mid-size projects** (~$2-$3m), with experience in Pre-sales activities, preparing business growth strategies, migration plans, creating and handling geographically located teams, monitoring utilization, productivity, costs and project management. Used **Agile/Scrum** andWaterfallmethodologies. I have experience in managing teams with >35 resources across different geographies leveraging global delivery model.

PROJECT EXPERIENCE

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| **Senior Software Engineer at Microsoft** June 2020 – Till Date |
| Redmond, WA |

**Project: Third Party Provider Marketplace**

Scope of the project: This project is about adding a new feature in Microsoft Teams where a seller can host his classes and get paid for it using payment providers like Stripe, Paypal etc. The scope of includes creating a new app in Teams and onboarding a Seller into Microsoft through third party payment providers (Stripe, Paypal), creating API’s to integrate with the payment providers and keeping user information. The scale of the application extends to all teams users in multiple geographies with a robust scalable API’s handling thousands of concurrent users.

Responsibilities:

* Architecting and Developing the Seller Marketplace API’s which provides the onboarding flow for a Seller into a Payment provider. Various aspects are Component diagrams, Infrastructure creation in Azure, CI/CD, Security frameworks, Message Oriented Architecture, No SQL designing, Test framework creation, Logging and other cross cutting framework design and development.
* Integrating with all upstream and downstream services like MS Teams, Payment Gateways.
* Team leading and building activities, requirements gathering, working with payment providers to understand their technical aspects.

Tools and Technology used: Azure Cosmos Db, AAD, App-Insight, Open Telemetry, Azure Web Apps, Azure functions,

DevOps CI/CD, Dot Net Core 6, C#, Web API.

**Project: RaaS – Royalties Assurance as a Service**

Scope of the project: Raas is Royalties Assurance as A Service, we have built a fully Connected datasets using Graph API’s to reduce complexities and analysis time in Royalties payments in Microsoft With RaaS, our Royalties team was able to do just that with the help of RaaS APIs that enable system-to-system integration—including Microsoft Teams integration—and human augmented exploratory analytics.

Responsibilities:

* Architecting and Developed the Connected Dataset using Cosmos Db Graph API and Querying capabilities using Gremlin,
* Developed a Teams bot channel and Web UI to query the datasets using human understandable language using NLP and LUIS (Language Understanding).
* Team Leading, Domain understanding, Graph Db Design using vertices and edges.
* CI/CD, Data Engineering, Data Analytics.

Tools and Technology used: Cosmos Db Graph API, Azure Data Factory, Azure data Lake, AAD, App-Insight, Azure Web Apps

CI/CD, release pipelines, Dot Net 4.6.1, C#, Web API, Azure Data Bricks, LUIS, Azure ML, React, Teams Bot.

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| **Senior Technical Architect at HCL America** Feb 2019 – May 2020 |
| Client: Microsoft (Redmond, WA) |

**Project: Bing Maps**

Scope of the project: The Bing maps team at Microsoft deals with acquisition of data from different vendors and then ingesting them into their DB, the whole process goes through intermediate phases which includes Data acquisition, data correction, transformation, conflation, deduping, data verification, quality reviews, Ingestion to final Db and downstream partner testing. Migration of on-premise data to azure was also part of scope.

Responsibilities:

* Architecting and Designing various UI portals to support different phases of Data ingestion pipeline.
* Ingestion Operations management, Data validation.
* Program management, Team management across geographies and functional areas.

Tools and Technology used: U-Sql, Azure Data Factory, Azure data Lake, AAD, App-Insight, Azure Sql Db, Azure Web App/Jobs,

CI/CD, release pipelines, Dot Net 4.6.1, C#, Web API.

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| **Senior Technical Architect at HCL America** May 2018 – Jan 2019 |
| Client: Microsoft (Redmond, WA) |

**Project: GDPR** Implementation for Microsoft’s Research Team

Scope of the project:

Implementing GDPR privacy regulations across clients Databases, File Shares and any other storage, various areas of the projects:

* Receive GDPR privacy signals for delete/ export of specific PI data.
* Portal to onboard customers, privacy dashboards, manage file retentions, monitor jobs.
* Scan customers file shares for PI data.
* Index customers files for searching specific data.

Responsibilities:

* Defining Application architecture, design and development of highly scalable components and frameworks, this includes:
  + Designing and creating network topology, this includes:
    - Creating virtual networks, subnets.
    - Defining security both at Network, Vm level and application level (At Rest/Transit).
    - Creating Application Gateways, Load balancers, App service environments for deploying web apps.
  + Designing and developing on premise data access using Service bus relay hybrid connection.
  + Designing and developing highly scalable, multithreaded jobs to handle >4m requests per hour.
  + Designing and developing messaging-based solution for scanning customers files.
  + Defining strategies to handle huge data (>200m records).
  + Designing and developing indexing platform using Apache Solr, handling more than 40TB of data.
  + Designing and developing role-based access security using AAD.
  + Reviewing and documenting security for entire applications.
  + Designing UI framework.
  + Designing and developing core framework libraries and NuGet packages.
  + Designing and developing application health monitoring system.
  + Designing Job Automation using
    - * Azure Web jobs
      * Azure Automation
* Defined and Created CI/CD and release pipelines.
* Provided Architectural guidance to customers on new requirements.
* Managed and mentored development team members, provided technical guidance to the Dev team, code reviews.

Tools and Technology used: Azure Load balancers, Azure app gateway, app service environments, NSG, Virtual networks, subnets, Service Bus Relay, Cosmos DB, Queues, Topics, Azure SQL DB, Table/Blobs storage, CI/CD, release pipelines, Dot Net 4.6.1, Asp.Net MVC 5, LINQ, C#, jQuery, Angular.Js, Web API, Azure Web App/Jobs, HTML5, CSS3, Azure Service Bus, AAD, App-Insight.

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| **Technical Architect at HCL America** Nov 2016– May 2018 |
| Client: GEICO (Chevy Chase, MD) |
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**Project: Billing Applications** – Migrating to Azure PAAS

Scope of the project:

Migrating all of GEICO’s Billing applications to cloud (Azure PAAS), replacing the current legacy mainframe applications with Duck Creek, interfacing Duck Creek with other applications inside GEICO.

There are total of 10+ applications which will be migrated as part of this project. Some critical areas which we focused on were:

* Health monitoring of cloud-based applications.
* Log Analysis.
* Communicating with other on-premise applications.
* Roles based access security.
* Managing queues.
* Strategies for secure Azure blob storage and retrieval.
* Veracode scanning and mitigations.
* Application monitoring using App-Insights and Log analytics.

Responsibilities:

* Defining Application architecture, this includes:
  + Designing web Api’s.
  + Integration with Internal and third party Api’s.
  + Defining role-based access security using ADFS and SAML tokens (Ws Trust and Ws Federation).
  + Reviewing and documenting security for entire applications.
  + UI Design in Angular.
* Providing technical guidance to the Dev team, code reviews.
* Handling Queues, designing queue-based communication, designing core framework libraries and NuGet packages.
* Veracode Scan review and mitigations.
* Assisting Dev-Ops team in day to day activities, continuous deployment and integration.
* Provided Architectural guidance to business teams on new requirements.
* Managed and mentored development team members and performed other job-related duties as assigned.
* Designed and documented Production data fix, Azure blob data fix and Message queue data process.

Tools and Technology used: Dot Net 4.5.1, Asp.Net MVC 5, LINQ, C#, jQuery, Angular.Js, Web API, Azure Web/Worker Roles, RabbitMQ, HTML5, CSS3, Veracode, Azure Service Bus, ADFS, SAML, App-Insight.

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| **Technical Architect at HCL America** July 2015– Oct 2016 |
| Client: Microsoft (Redmond, WA) |

I have articulated business requirements associated with projects and develop and gain buy-in for high-level designs (Conceptual Architecture) that support the business requirements.

Provided architecture leadership and mentor projects consisting of employees and contractors. Conducted design reviews, code reviews, progress reviews and other project specific governance.

Helped in establishing architecture and application development standards and best practices and actively participate in the architecture team’s continuous improvement initiatives. Participated in the evaluation of emerging technology and tools.

**Projects:**

**Log Telemetry BI**

Scope of the project:

POC to analyze Application and Network logs in real time using azure Event hubs and Azure Data Lake & power BI for data visualization. This is scalable to fit any volume, variety and velocity of data.

Logs are collected real time through different sources and fed to Azure web api which will feed this data to Event hub, this is then sent to Data lake using stream analytics.

**Dynamics CRM Integration**

Scope of the project:

* Integrating CRM with GEM system for Inventory and Order processing.
* Live ID integration using ACS/RPS.
* Worker roles for Data Migration.
* Web Application for Event Map & Calendar.

**Microsoft Lumia & Surface Website**:

I was leading this project from technical standpoint.

The scope of this project includes

* Development of Lumia marketing web site.
* Automated Content migration of CMS.
* Integrating with third party Api’s like Fuse Pump and Bazaar Voice.
* Integrating with existing Microsoft stack of applications.
* Deploying the site across 40 locales.
* Analytics and SEO.
* Migrating to Azure.
* Responsive application targeting all the devices, browsers, PC’s, phones and tablets.

Responsibilities:

* Defining entire Application architecture, this includes:
  + Defining Web application layers.
  + Designing integration with third party Api’s.
  + Architecting and developing automated content migration across different CMS.
  + Designing Product Model.
  + Defining Locale specific structure.
  + Migrating the current on-premise web application to Azure.
* Providing technical guidance to the Dev team across different geographies.
* Provided Architectural guidance to business and content teams on strategic technology platform, quality assurance and issue resolution.
* Interacted with stakeholders and has the executive presence to influence direction, sell ideas, roadmaps, and approaches.
* Managed and mentored development team members and performed other job-related duties as assigned
* Monitored progress and status of tasks and deliverables on projects and escalate issues and risks timely. Lead the delivery, implementation, and improvement of all applicable channel processes, methodologies, and service level agreements (SLAs)

Tools and Technology used: Dot Net 4.5.1, Asp.Net MVC 5, LINQ, C#, jQuery, Compass, Angular.Js, Web API, Azure Worker Roles, HTML5, CSS3, VSO, CRM Dynamics SDK, Azure Event hubs, Azure Data Lake, Stream Analytics, Power BI.

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| **Solutions Architect at Syntel** Feb 2014 – July 2015 |
| Client: Ameriprise Auto & Home Insurance (De Pere, WI) |

I have created detailed end-to-end architecture designs that address the business requirements and that will be used by application, testing and other downstream stakeholders as input for their activities. Specifically, created architecture designs that entail the following elements: System Architecture, Application Architecture, Infrastructure Architecture, Security Architecture, Enterprise Application Integration, Service Oriented Architectures, and Business Process Management.

Participated in the development of Information Technology Strategies and Roadmaps in support of the business strategies.

**Projects:**

**NC Auto Mapping**

Upgrading the existing rating engine which is in C++ and PL SQL packages to a highly scalable and responsive Web API based service, supporting > 1000 concurrent users, by implementing a Service oriented architecture.

Responsibilities:

* Understanding of existing rating system (C++, PL/SQL Package) and create flow diagrams.
* Understanding existing enterprise architecture and propose a solution.
* High Level Architectural design.
* Technical design includes defining contracts, creating scalable design, Caching policy implementation, Asynchronous programming techniques.
* Veracode compliance.
* Technical guidance and Code Reviews, Performing Unit and integration testing.
* Managing change requests and defects.
* Designed and Developed Health Endpoint Monitoring Framework.

Technologies Used**:** Dot Net 4.5.1, Asp.Net MVC Web Api, ADO.Net Entity Framework, LINQ, C#, C++, JQuery, Oracle 11g, NInject, Log4Net, Angular.js

**Application Monitoring**

Implementing application and Infrastructure monitoring by analyzing, testing and doing POC with various monitoring tools, setting benchmarks, identifying monitoring needs of all the applications in the organization.

Responsibilities:

* Identifying the monitoring requirements from stakeholders.
* Analyzed different monitoring tools Dynatrace, AppDynamics, SCOM, HP Diagnostics and selecting the one meeting our criteria.
* Closely working with Infrastructure team on the installation and overall set up of the tool for each application.
* Analyzing and setting up threshold values for each application.
* Brown Bag Presentations to key stakeholders.

Technologies Used: Dot Net 4.5.1, Asp.Net MVC 5, LINQ, C#, JQuery, Oracle 11g, NInject, Log4Net, HP Diagnostics, SCOM, Dynatrace, AppDynamics.

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| **Technical Lead/Architect at Omnitech Systems** May 2013 – Feb 2014 |
| Client: Tokio Marine Nichido Insurance (NY City, NY) |

I have provided technical guidance and contributed to development on multiple applications: Analyzed emerging technologies and influenced direction of project solutions. Enforced standards, procedures, and methodologies for the software development lifecycle

Coordinated application development activities and directs development teams in the areas of scheduling, technical direction, future planning and standard development practices.

**Projects:**

**TMM Portal Application Upgrade**:

TMM Portal is an Internet facing site, used by all customers for claims search, analysis and reports.

This was previously on SharePoint and dot net framework 1.1. The objective of this project was to remove the SharePoint piece, upgrade the framework to latest version (4.5) and develop a dot net MVC application with a fresh new UI with more functionality.

Responsibilities**:**

* High Level & detailed estimation, architectural design using UML/Visio.
* Creating Use Cases, detailed Technical Design and Tech specs.
* Designing Application architecture & Database.
* Creating schedule, assigning work to team members and contribute in development efforts.
* Technical guidance and Code Reviews, Performing Unit and integration testing.

Technologies Used:Dot Net 4.5, Asp.Net MVC Web Api, Entity Framework, LINQ, C#, WCF, Ajax, JQuery, JSON, SQL Server 2008 R2.

**OnBase FUW**:

OnBase is a Document management and workflow tool widely used across industries, the objective of this project was to build an OnBase Workflow application for managing the Underwriting and Policy creation flow.

An underwriting service personal will upload the request for new insurance from a client and this request flows through the underwriter, technical assistant, manager workflow queues until a policy is created. All the documents are archived in OnBase. This uses OnBase Workflows, Workviews, HTML forms, Doc Comps, Unity API Scripts in C# and Documents.

Responsibilities**:**

* Creating business requirement documents and flowcharts.
* Technical Design of the application which includes Designing Workflows, Workviews Classes, writing API scripts in C#.
* Performing OnBase System administration tasks for disk share, user access, migration, installation & Diagnostics.
* Development of workview classes, screens, system tasks, workflows, API Scripting, html forms & Document composition templates.
* Technical guidance and Code Reviews, Performing Unit & integration testing.

Technologies Used: OnBase 12/13, Workflows, Workviews, Screens, Filters, unity API scripting in C#, HTML forms, doc comp templates and system administration.

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| **Assistant Manager, Technology**  Nov 2012 – May 2013 |
| KPMG Global Services (Gurgaon, India) |

Managed end to end delivery of projects with hands on involvement in the development and configuration of projects

**Projects**

The **Leasing tool** is a web-based accounting tool used by KPMG clients for keeping track of all the leases (either lessee or lessor) they have for all their business entities across the globe.

A typical lease includes all infrastructure, admin, buildings, land, office equipment’s etc. The

tool accepts leases manually and bulk upload from excel, around 1000 leases are entered in the system in every cycle and system contains more than 50K leases for each client. The tool provides all the accounting based calculations & s reporting like cash flows, balance sheet for the specific period.

This tool is scaled to serve multiple clients with a single application and the data for each client is kept distinctively secured.

Responsibilities**:**

* Meeting Business Users & Stakeholders for Requirement Gathering & Analysis.
* Defining Architecture, Technical design & Technical specification documents of individual modules.
* Application architecture – Designing different layers, Models, Integrating Entity framework

, Using third party tools like Telerik Grid, configuring TFS and defining the checking/shelving policies. SSRS Report integration, Application Deployment in IIS7.

* Database design – Normalizing databases, designing relationships, ER Diagrams, creating

Stored procedures, schemas, indexing, database backup and restore, functions- scalar and tabular, defining database model according to requirements.

* High Level & detailed estimation, Development of Individual modules, Code Reviews
* Managed entire QA for the application with 4 team members.

Technologies Used: Dot Net 4.0, Asp.Net MVC3, Entity Framework4, LINQ, C#, WCF, Ajax, JQuery, JSON, SSRS, SQL Server 2008 R2, Silverlight, IIS7 with Agile Methodology

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| **Project Lead** Apr 2009 – Oct 2012 |
| Wellmark BCBS of Iowa/HP-Mphasis (Des Moines, IA) |

Managed offshore migration of existing delivery process.

Performed Design and development of healthcare claims projects.

**Projects:**

**Internet Claims Entry Application**

This system is used to submit and process the Healthcare Claims for the BCBS IOWA Wellmark. This is a claims entry application that offers all providers with a web-based data entry tool for entering and submitting professional claims to BES. This is an HP-owned commodity service, with each implementation sponsored by the Payer through per-transaction fees. The initial implementation of this solution is for Wellmark Blue Cross Blue Shield of Iowa and South Dakota. The objective of this project for Wellmark is to reduce the number of paper claims, resulting in lower administrative costs, improved efficiency, and reduced errors.

With the new mandates in Healthcare reforms, there are new updates which need to be made to this system so that it can accept and respond to electronic transactions in the HIPAA 5010 format.

Responsibilities**:**

* Requirement Gathering & Analysis & Technical design
* High Level & detailed estimation.
* Application architecture – Designing different layers, Models, Integrating Entity framework

using Silverlight RIA services.

* Database design – Normalizing databases, designing relationships, ER Diagrams, creating

Stored procedures, schemas, indexing, database backup and restore, functions- scalar and tabular, defining database model according to requirements, creating triggers for audit.

* Creating Technical specification documents and Development of individual modules.
* Technical guidance and Code Reviews, Performing Unit & integration testing.
* Managing change requests and defects.
* Date ETL activities using SSIS.
* Working with BizTalk team on upgrading from HIPAA 4010 to HIPPAA 5010 accelerators and mapping for the project.

Technologies Used**:** Dot Net 4.0, Asp.Net MVC3, Entity Framework, LINQ, C#, WCF, Ajax, JQuery, JSON, SSRS, SQL Server 2008 R2,SSIS, Silverlight,IIS7, Windows services, IIS7, BizTalk HIPAA Accelerators.

**Tech Lead**  Jun 2007 - Mar 2009

HP/Mphasis Interchange MMIS Product (Pune, India)

The **MMIS** (Medicaid Management Information System) is an integrated group of procedures and computer processing operations (subsystems) developed at the general design level to meet principal objectives of Medicaid Program, enacted in 1965 under Title XIX of the Social Security Act. This tool provides the comprehensive solution to implement Medicaid Program.

Responsibilities:

* Contributed in design, development and testing activities for Wisconsin state implementation.
* Managed effective communication with onsite by weekly, monthly, Quarterly reports.
* Worked closely with onsite counter part for Project planning, Resource allocation / Movement within different sub-systems for effective use of there knowledge / Domain.
* Analysed and designed the Change requests for Claims, Financial, Member subsystems within core interchange product.
* Interacted with Business Analysist and architecture team to determine and translate business requirements into technical solutions.
* Contributed in end to end implementation of new Premium Billing & Collection subsytem and EOMB functionalities within Member sub-system.

Technologies Used:Dot Net 3.5, Asp.Net, Entity Framework, C#, WCF, Ajax, JavaScript, SQL Server 2005, Oracle 9i, IIS6, Waterfall methodology.

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| **Analyst** May 2005 – May 2007 |
| MarketRx, Cognizant (Gurgaon, India) |

**ITrak V6.0**

ITrak v6.0 is a web-based Tracking tool, which is used by our client Pharmaceutical Companies to track & analyze the sales of their products. The tracking is basically done on region, district and territory levels. The relevant Data for the past 2 years is collected and fine grained by the analytics team, and then the sales trend of the product can be derived in the form of charts, graphs and tables. This tool also provides the functionality to predict the sales trend of next 6 months.

Responsibilities:

* Explored the feasibility, gathered requirements, and determined project plans for web-based and windows based development and maintenance projects.
* Explored feasibility of migrating to new versions of Dot Net (1.1 to 2.0)
* Estimation, Schedule Management and Team Management.
* Risk identification, impact and handling plan and corrective actions
* Performed casual analysis for problems/issues/risks
* Technical leadership and application architecture & design
* Developed Technical Specs and contributed in coding.
* Performed code review, unit and integration testing.

Technologies Used**:** Asp.Net, C#, VB.Net, Ajax/Atlas, JavaScript, Oracle 9i, IIS6, Dundas Charting, Telerik.