

## Summary

I am a technologist with 14+ years of industry experience. At Ingen I am leading a group of geeks who are enthusiastic and hungry for technology. This new role is challenging me every day to do multiple things. Prior to joining Ingen I have spent years in developing, designing and deploying enterprise level solutions using latest and the greatest tech stack. My experience comes from leaders in Contact centers, healthcare, advertising, digital marketing, content management and mobile solutions.

ASP.NET, ASP.NET MVC, WEB API, VB.NET, C#, .NET 3.5/4.0, WCF, Windows 2008/2012, Java, php, apache, IIS environments, Expertise in Object Oriented Programming techniques, JavaScript, JQuery, ASP.NET, AJAX, XML, Web Services, Design Patterns and unit testing framework (NUnit)

- Experience in design and development of software applications industries like Advertising, Airport/Airline, Healthcare and Contact Center.
- Proficient in multiple S/W development technologies – C#, VB.NET, ASP.Net, PHP, MVC, HTML, JQuery, COM, .NET 3.5, .Net CF, WCF, WebAPI, WF, NUNIT, Visual Studio 2005/2008/2013, Microsoft Visio, XML, SQL SERVER, MYSQL, SDL Tridion, App Fabric, Entity Framework, SOLR.
  - Rich experience of designing and building enterprise solutions using web services built with WCF, MVC Web API, SOAP or REST. Experience in building SQL Server database applications using T-SQL, ADO.NET, Entity Framework and LINQ
  - Technical expertise in designing, building and tuning multi-threaded high performance .NET applications. Strong server side development skills designing and developing high traffic applications in a fast paced environment
  - Experience of designing and building interactive user interface applications using ASP.NET WebForms/MVC, PHP, CSS, JavaScript and jQuery.
  - Experience with agile development and scrum methodologies
- Extensive experience with design patterns, system architectural concepts and frameworks and a strong understanding of object oriented principles.
- Excellent understanding of the project life cycle process. Able to work independently, as well as lead teams through the processes. Proven ability to transform user requirements into well-functional application modules through Design patterns, Business Logic development.
- Project leading experience focused on team coordination, requirement analysis, resource estimation/ deployment and client interaction.

## Technical Proficiencies

<b>Languages:</b>	.Net 3.5/4.5, C#, VB.Net, ASP.Net, ASP.Net MVC, Win Forms, SQL
<b>Internet:</b>	ASP.Net, ASP.Net MVC, PHP, WCF, Web API, HTML, Javascript, JQuery

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<b>Platforms:</b>	Windows Server 2008/2012, Windows 7, Android, iOS, LINUX
<b>Others:</b>	XML, XSD, Windows Services, SSIS, SSRS, SOLR, Elastic Search, AppFabric,
<b>CMS:</b>	SDL Tridion, Joomla
<b>Tools:</b>	MS Office, MS Visio, SVN, VSS, TFS, SQL Server 2008/2012, SOLR, UNICA, Elastic Search, CC.Net, Jenkins

## Education

Bachelor of Technology (B.Tech) in Computer Science & Engineering  
**Uttar Pradesh Technical University**, Uttar Pradesh

## Work Experience

**Ingen Infotech Corp Pvt. Ltd.**, January 2015 to present

*Co-founder, CEO and Technical Architect*

At Ingen I am leading a group of geeks who are enthusiastic and hungry for technology. This new role is challenging me every day to do multiple things.

Over a period, we have delivered solutions to clients in Insurance, Hospitality, Manufacturing, Trading and Construction industry.

### Roles and Responsibilities

- Estimations for the project
- Design the technical architecture of the solution
- Develop the initial framework of the solution
- Design and estimates for new implementations
- Design reviews for product enhancements
- Work very closely with the Infra team which looks after the automated build, release and deployment.

**Confidential** August 2009 to January 2015

*Specialist Platform*

### 1. IONOS- AMP

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**Team Size** – 20

**Duration** – October 2009 – to present

**Role** – Architect

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**Language and Technologies involved** –C#, .Net 3.5, ASP.Net, MVC, MVC Web API, WF, REST/SOAP, SQL Server 2008, WCF, NUnits.

Azure Notification Hub, Azure Storage –Tables/Blob, Cloud Services, Diagnostic, Mobile Services

**Integration:** App Fabric, SOLR, SDL Tridion, Adobe CQ

**CMS:** SDL Tridion

**Analytics:** Unica

**Build/ Deployment:** SVN, Cruise Control, MS Build

**Infrastructure:** Windows Azure

IONOS is a very cool multi-tenant, multi-channel, multi-lingual SOA based SaaS Airport Marketing Platform code named AMP. In a nutshell, the platform is targeted at travelers who need timely information related to their travel in or around airports. Web, iPhone App, BlackBerry App, Android app and Digital Signage are the channels that the product is supporting. The platform has a Portal application which provides Content Management using SDL Tridion, Marketing Campaign Management as well as Administration such as user accounts and such.

Within IONOS sits a **Patent pending Ad Engine** which works on CPM model. This ad engine supports all kind of channels. This very engine let the user place ads anywhere on their application. The platform makes sure that ads are not served more than demanded (various parameters like maximum impressions, daily budget cap, and total budget).

Although IONOS platform is made for travellers but this Ad Engine can be integrated with any type of application. That is the reason we have airport like Denver, Boston, MSP and non-airport clients like FLI (Football League Interactive), Mohegan Suns Casino in our client list.

### **Technical aspects –**

**CMS Integration:** IONOS Integrates with SDL Tridion and Adobe CQ

**Third Party Integration:** Airport Data fids, FlightStats for flight data, WhereAds, HiMedia and Mobilefuse for external Ad integration and Unica for Analytics

**High Performance:** For FLI IONOS serves 2 billion ads per month.

### **Roles and Responsibilities**

- Architect
- Design and estimates for new implementations
- Design reviews for product enhancements
- Responsible for IONOS integration with clients.
- Responsible for all releases of IONOS.
- SME for Airport FIDS and Ads
- Work very closely with the Infra team which looks after the automated build, release and deployment.

**Confidential** , August 2006 to August 2009

Sr. Software Engineer

## 2. SDS-K2SD

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**Team Size** – 9

**Client**- Safe Driving Systems, US

**Role** – Project Lead

**Language and Technologies involved** –C#, .Net CF 3.5, ASP.Net, SVN

**Build and deployment:** SVN, Cruise control, MS Build

**Project Description** – The project is about preventing the driver to make/revive call, send/receive SMS, IM, Email, and Web browsing while driving. All this is governed by profile management.

The application looks for a Bluetooth device which is attached to the car. Whenever the car is in driving mode, the Bluetooth device sends the signal to the application. Upon receiving the signal the application block the features as mentioned in the profile settings of the user.

### **Roles and Responsibilities:**

- Requirement Understanding and SRS creation.
- High Level Design of the system
- Database Design of the system
- Low Level Design of the system
- Developed initial framework of the application.

## 3. MMT-EHR

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**Team Size** – 30

**Client**- Mountain Medical Technologies, US

**Role** – Module Lead

**Language and Technologies involved** –

- .Net 3.5, C#, Windows Forms, WPF, WCF
- **Database:** SQL Server 2005
- **Third Party Components:** ComponentOne Report Designer, Infragistics NetAdvantage, Pegasus Document Imaging 9.0, ISIS Express, Medispan, Alchemy

**Project Description:**



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Mountain Medical Technologies, Inc (MMT) is a Miami, FL based company specializing in the field of Electronic Health Record (EHR) Systems. Cyramed EHR is the core system provided by MMT to its esteemed clientele. Cyramed EHR is a product which is being used by many of the health care providers in the USA. The major difference between Cyramed EHR and other EHR systems in the market is the unique User Interface (UI) provided in the system, which mimics the real life environment of the medical fraternity. The system is capable of adapting to the current work flow of the end users.

### **Roles and Responsibilities:**

Me and my team are responsible for creating new components and integrate them with EHR system. SNOMED-CT is one of the major third party components which are one of the rare functionality that EHR systems implement across the globe. We developed a Discrete Reportable Transcription (DRT) system that acts as a live search engine of SNOMED-CT. After its integration, it became the CORE of the system.

We also implemented Drug Interaction Plugins, Alerts Notifications, SNOMED –CT based Clinical Template Generator, **Plugin Architecture, and Messaging using WCF callback mechanism**. All these features are integrated with EHR application.

- Requirement Gathering and SRS creation.
- High level design
- Low level design
- Coding and code review of sub-ordinates
- Enhancements and implementation of Change Requests from the client.
- Mentoring of the team.
- Helping/Guiding the team members.
- Created case study on use of SNOMED.

### **4. Unl**

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**Client** – IBM Daksh, India

**Team Size** – 30

**Role** – Architect

**Language and Technologies involved** –C#, ASP.Net, .Net 3.5, Enterprise Library 3.0,

**Database:** SQL Server 2005

**Project Description** – This project is developed for IBM Daksh to capture the performance and attrition pattern of the employees. Apart from capturing the performance and attrition pattern of the employee, the system is also used for mapping newly appointed agents to different trainers. The performance of the employees is captured using tools like OneOnOne and EWI.

Depending upon the roles of the employees, they can view different historical data of the employees who directly or indirectly report to them.

### **Roles and Responsibilities:**

- Requirement Understanding and SRS creation.
- High Level Design of the system
- Database Design of the system
- Low Level Design of the system
- Developed initial framework of the application.

## **5. TouchStar**

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**Team Size** – 15

**Client** – Touchstar- Mantra Technologies, US

**Role** – Sr. developer/Track Lead

**Language and Technologies involved** – VB 6.0, VB.Net, C#, Enterprise Library 3.0, .Net Remoting, TCP/IP

**Database:** Sql Server 2005

**Project Description** – This is a Call Center Application. The core application consists of six applications that interact with each other via Winsoc control. The core areas handled by the application:

- Inbound calls
- Outbound Calls
- IVR Routines
- All issues related to calls i.e., Call Transferring, Call Conferencing, Call Connecting etc.
- Skill based routing of the calls.
- Handling of Campaigns and Agents. (TSAdmin)
- Monitoring of all the campaigns and agents.(TSSupervisor)
- ACD Routing of the calls.

### **Responsibilities:**

- Responsible for Conducting Code/Peer reviews.
- Analysis of new features and modules to be added in the application.
- Communication with the Client.
- Implemented the core architecture of TouchStar 2008.
- Member of the design team of the TouchStar 2008 architecture.
- Estimation of the features and defects.
- Preparing/Sending WSRs and MSRs to Client.
- Distributing the tasks to the team members

**Confidential** , May 2006 to July 2006

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Software Engineer

### **6. Investment and Planning Management System**

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*Client* – In house

*Team Size* – 15

*Role* – Developer

**Language and Technologies involved** – VB.Net, MS SQL Server

**Project Description** – The Legal and I&P Department are using I&P Management System. The project make entries regarding Land i.e., Land Type, Land Unit, Measurement. Make entries of States, Districts, tehsils farm and villages on their corresponding Master Files. The project provides process for Deed Entry and GPA Entry.

**Responsibilities:**

- Defect Fixing.
- Implementing new features in the application.
- Deployment.
- Helping/Guiding the team members.

**Confidential** , July 2005 to April 2006

Software Engineer

### **7. HR Management System**

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*Client* – In house

*Team Size* –2

*Role* – Developer

**Language and Technologies involved** – VB 6.0, VB.Net, MS SQL Server

**Project Description** – This project is about the Complete HR solution. **HR Management System** is developed for HR Department of the organization. This deals with different issues of the HR Department especially recruitment.

Entries of the applicants, Search for the applicants, Deletion of the applicants are the main features of the software. Results of the search are also presented as reports using Data Report.

**Responsibilities:**

- Developed the whole application right from beginning.

- Requirement Gathering.
- Design.
- Coding
- Testing
- Deployment.

### **8. Purchase Management System**

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**Project** – Purchase Management System

**Client** – In house

**Team Size** –2

**Role** – Developer

**Language and Technologies involved** – VB 6.0, MS SQL Server

**Project Description** – **Purchase Management System** is developed for Purchase Department of the organization... This deals with each and every issue of the Purchase Department.

Entry of the items, vendors, issuing of purchase orders, Search for the items, vendors, purchase orders, Deletion of the items, vendors, purchase orders are the main features of the software. Mainly search is used for purchase orders based on different search criteria.

#### **Roles and Responsibilities:**

- Developed the whole application right from beginning.
  - Requirement Gathering.
  - Design.
  - Coding
  - Testing
  - Deployment.
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