Ajay Jadhav – Technical Architect

He has total 13+ years of professional experience in analysis, design and construction of large scale enterprise web systems.

Out of this, he has 7+ years of relevant experience in application architecture designing and development of web applications using Microsoft .NET platform including ASP.NET MVC 4/5, Web API 2, REST, Silverlight, WCF, ServiceStack, Dapper/OrmLite, Entity Framework, NHibernate and databases like SQL Server, Oracle, MongoDB. Open source and latest web technologies including Java EE, JavaScript, **HTML5**, **React.js**, **Flux** and **Node.js**.

He is a Certified Scrum Master and has 10+ years of experience leading and managing teams of developers, analysts, testers & DBAs using Agile/Scrum methodology as well as waterfall.

He has also worked onsite (in USA) coordinating directly with clients as Systems Analyst and Coordinator. He has worked closely with the client for requirement collection and analysis.

He likes to learn new technologies and upgrade his knowledge and he always wished to work with knowledge sharing teams. He has ability to work in team as well as individual and good in handling function pertaining analysis, design, development and problem solving with good analytical capabilities.

Specialties:

- Application Architecture Design & Development using .NET 4.0/4.5, C#, ASP.NET MVC 4/5, Web API, REST, Silverlight, NHibernate, Entity Framework, ServiceStack OrmLite, Dapper, Windows 8 Store Apps Development.

- Prototyping & User Story writing, Function Point & User Story based Estimations, Agile/Scrum, and team coaching & implementation of XP practices.

- Agile/XP Practices – User Story, BDD, TDD, Continuous Integration & Deployments, Automated Code Analysis.

Professional Experience

Title: Multi-tenant SaaS Product - IControler 9.0 (New Product Development in Enterprise Architecture Domain)

Platform: HTML5, JavaScript, Node.js, React.js, Flux, NServiceKit, ASP.NET 5, MongoDB, SQL Server, Oracle.

Scope: IControler is a very comprehensive tool for Enterprise and Information Architects and it is used to design entire organization meta-model, processes, and information/data used in different systems, such

as SharePoint, Active Directory, HRMS, etc. and establish meaningful relations among them. IControler can integrate for data exchange of data to and from many systems with the use of web services.

Title: IControler (Product in Enterprise Architecture Domain)

Platform: Silverlight, Mind Fusion Diagrams, WCF, NHibernate, SQL Server, Oracle

Scope: IControler is a very comprehensive tool for Enterprise and Information Architects used to design entire organization meta-model, processes, and information/data used in different systems, such as SharePoint, Active Directory, HRMS, etc. and establish meaningful relations among them. IControler can push/pull data to and from these systems with the use of web services.

Title: HCS Reporting Portal

Platform: SQL Server 2008 R2, Zap BI Reporting Tool

Scope: HCS Reporting is a BI portal developed to deliver reports to HCS' customers to control costs on the health care spending of the employees.

Title: SelfSummary™ (Medical Record Summarization System)

Platform: C#.NET 2010, Silverlight 4, WCF RIA Services, Entity Framework 4, Oracle 11g, iText PDF, CVISION, PDFTron

Scope: SelfSummary™ is an online web-application targeted to the customer's users to allow them to self-summarize medical records of patients. The summarization process in turn consists of different steps – document identification, chronological ordering, preparing visit summary, preparing billing summary and finally generating the Summary PDF.

Title: CALMED EMR - POC

Platform: C#.NET, Windows Presentation Framework (WPF), Entity Framework, SQL Server 2008.

Scope: Re-Designing of an existing VB Based EMR using WPF Platform.

Title: POC for Operations Management System (OMS)

Platform: SharpArchitecture.net, C#.NET, ASP.NET MVC, Entity Framework, SQL Server 2008.

Scope: This was a Proof-of-concept project where the customer wanted to evaluate leading technology solutions and their respective products for the purpose of software-driven Faxing and Automated Forms Recognition of faxed images. We worked with several US vendors on technology, infrastructure sizing and commercial front during this activity.

Title: Case Management System

Platform: ASP.NET 3.5, C#.NET, SQL Server 2008.

Scope: A Case Management System provides operational users of SEN Legal the features to manage all the activities during the course of a legal case. This software contains modules such as, Cases, Activities, Documents, Billing, Addresses, Administration, etc.

Title: Single Sign-on Implementation for Dashboard System

Platform: ASP.NET, PKI using C# Cryptography API, IIS 7, Windows 2008

Scope: To develop the SSO outbound utility that will rely upon the Hewitt SSO Authentication of Rogers Dashboard application Users, when processing the incoming request from the Hewitt website.

Title: Payment Gateway Integration

Platform: .Net Framework 1.0/1.1, C#, XML, HTML, JavaScript, VSS, MS SQL Server 2000, UML in Rational Rose

Scope: The project included the integration of a shopping cart with payment gateway. A database is maintained according to the transactions and provides features for administrator for searching records & maintaining the records

Title: Workforce Planning BI Dashboards

Platform: ASP.NET, Dundas OLAP Services, C#.NET, SQL Server Analysis Services (SSAS), IIS 7, Windows 2008

Scope: Workforce Planning BI Dashboards provide high-leverage solutions enabling HR to increase their strategic impact and drive increased business effectiveness and productivity. Helps organizations to forecast the future talent, create a gap analysis incorporating talent management by analyzing the metrics of retention, attrition, retirement, mobility and other factors.

Title: Flex Deployment Tool

Platform: ASP.NET, C#, .Net Framework 3.5, NHibernate, SQL Server

Scope: FD Tool provides a complete flexible deployment toolkit to help the organization:

• Forward plan work packages and programs

• Prioritize & resource work, Allocate the right people to work

• Identify development needs, Match personal to business objectives

• Adopt flexible working practices

• Track progress against targets and plans

• Bring about a change of mind set

Title: PM-Tool (Project Management Tool)

Platform: JSP, Spring (MVC), Hibernate 3.2, JavaScript, Oracle, Tomcat 6.0.16, YUI Ajax Library, Subversion (SVN), Eclipse3.3, Red-hat Linux

Scope: The purpose of the PM Tool is to automate project management activities like planning, tracking, and task allocations, Time sheets, status reporting etc during development of projects. The system generates various types of project management reports like WPSR, Planned vs. Actual, Project Cost, etc. The administrator can assign roles to users using the role matrix. Based on their roles, logged in users can access the system.

Title: PeopleJar.com

Platform: JSF, AJAX using GWT, Java EE 1.5 (EJB 3.0, JPA), JBoss Seam, JUnit, Glass-Fish.

Scope: The PeopleJar (PJ) project is very large and innovative in its scope. Its development involves creation of error-proof and highly-scalable architecture of the ultimate social network. It is targeted for interaction solution of a very large user-base by utilizing the latest open-source information technologies.

The purpose of the system is to create such dynamic technology that would allow on-the-fly dynamic social online communities creation within one unified website.

It also allows users to find (utilizing very flexible, non-restrictive, yet intelligent search queries) new friends, people with common interests, professionals, partners, etc. in any/all possible areas/fields of interests/occupations; and effectively interact among each other.

Title: RFID Middleware Implementation

Platform: CATAMARAN™, Symbol RFID Handheld, SQL Server, Windows 2003

Scope: CATAMARAN as middleware that collects the information on the handheld device connected or disconnected environment (no internet) and route information to systems such as SAP, Oracle, FTP and legacy applications for further use.

Standard SAP processes like Goods Receipt, Quality Inspection, and Receipt at Districts, Change of Status for Equipment, Reversal of Goods Issue and Reprint of RFID Tags are implemented using CATAMARAN on Symbol Handheld RFID Device.

Title: Clinical Research Application Suite (Set of 7 different Application)

- **HIPPA Implementation and,**

- **Development of Bio-Repository, Protocol Manager, Study Tracking System, and Protocol Submission System applications.**

Platform: J2EE, JSP, Struts, EJB, Oracle 9i, JBoss 3.2.3, OpenLDAP, JUnit for Unit Testing.

Scope: The purpose of **Bio-Repository** is to manage human biological samples obtained from several sample-collecting sources (centers). The system will allow for dynamic querying and dispensing of samples for use by investigators. Subject's clinical data related to each sample is also maintain/manage by the system. The System will also allow processing of samples, creating plates, creating list of subject, samples and plates. System can also print barcodes for samples or plates

Protocol Manager enables researchers to control the scope and accuracy of data collection for multiple clinical studies occurring at multiple sites. From demographics to medical histories to physical exams to lab reports, Protocol Manager covers all bases of data collection while ensuring complete security and ongoing compliance with regulatory guidelines. Researchers also can schedule lab visits and track biological specimens.

The **Study Tracking System** is a Web-based application that enables study administrators to define protocols, manage study participants, schedule participant appointments within and outside protocols, manage tasks associated with appointments, and build and administer study questionnaires.

The **Protocol submission system** (PSS) application is intended to generate & keep track of various documents required for submission of proposed protocol to the IRB for approval. The PSS application provides a facility to the Researchers to Self-register in the system. The Researcher who creates the Proposed Protocol is termed as "Initiator" in the System.

Technical Experience

- **Microsoft:** C#.NET, ASP.NET MVC 3/4, WPF, Web API,

  Silverlight, Windows 8 Store App, REST,

  Entity Framework, NHibernate & OrmLite

- **Java:** Core Java, Java EE, Struts, JSP, Servlet, EJB, JPA,

  Hibernate, JSF, JBoss, GlassFish, WebLogic

- **Web Technology/Frameworks:** React.js, Node.js, Bootstrap, HTML5, CSS3, JavaScript

- **Databases:** SQL Server, ORACLE 10/11g, MySQL, Database

  Designing, SQL Server Analysis Services

- **OOP & Design Patterns:** SOLID Design Principles, MVC, MVVM, Repository,

  Abstract Factory, Factory Method, Singleton.

- **Configuration Mgmt & Automation:** CVS, Subversion, Mercurial, Git, TFS, Continuous

  Integration & Build/Deployment Automation using
  CruiseControl, Automated Code Reviews, Static Code
  Analysis (StyleCop, CheckStyle, PMD)

- **Infrastructure:** Hands-on experience in setting up IBM Blade Servers,

  Setting up RedHat Linux Servers for OpenLDAP, CVS,
  and Subversion.