**JATIN SUTARIA**

**(Contact-9930070660/jatinsut@yahoo.com)**

* Have extensive experience in **product** organizations as an Architect
* Have managed teams in high pressure, hugely **technical** environment’s
* **Sun Certified Java Architect** with more than **Fifteen (15)** years of IT experience in the field of Information Technology with extensive experience in architecting, design, implementation and maintenance of Java based applications.
* Has good exposure to the complete SDLC cycle.
* Reviewed and improved the “as is” architecture and defined target architecture for projects.
* Aware of agile and Unified Process methodologies.
* Worked on Java platform and advanced Java technologies like J2EE, JSP, Servlets, EJB, JMS, Web Services, XML and frameworks as Struts, Spring, Hibernate, JIBX, JAXB, SimpleXML, Xstream, JUNIT and ANT
* Have hands on development experience on C++ and CORBA.
* Have extensive experience **in JBoss Enterprise administration** – Setting up clusters, integration with Websphere MQ, JBoss Security and more
* Designed, Developed and implemented applications, which will communicate with other network applications / devices and Web based projects.
* Experienced in designing and developing applications using Tomcat, Weblogic and Websphere Application servers.
* Introduced methodologies, best practices and coding guidelines for developers
* Experience in Hibernate, UML and developed applications using Ant/MAVEN and Junit for test cases. Used RSM, Star UML, and Visio as UML tools and VSS, CVS, Subversion and Clearcase as version control tools.
* Experience in SOA methodology and architectures
* Experience in Performance Management and automation
* Worked with Oracle, MySQL and Sybase as databases.

**Career Highlights**

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**Skills Summary \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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| --- | --- |
| Languages | **JAVA**, C/C++ |
| Tools | Rational Rose, MicroStrategy, Poseidon, WSAD, Tibco, RAD and Eclipse |
| NOSQL | Neo4j, HBase with Hadoop,MongoDb |
| Design | RSM, Star UML, Visio and Together |
| Methodology | Unified Process, Agile and SOA |
| Configuration  Management | VSS, CVS, SVN and Clearcase |
| Web/Application Server | JBoss/Weblogic/Websphere |
| Technologies & Database | JAVA, JPA, JDO, Apache Camel, Active MQ, Design Patterns, EJB, Servlets, JDBC, JMS, RMI, CORBA, Java Communication, Oracle, MySQL and Sybase |
| Integration Frameworks | Spring, Apache Camel |
| Web Framework | Spring MVC, Struts, JSF |
| Workflow F/W / BPM | JBPM |
| Web Services | JSON, SOAP, RPC, Document-Literal, Hessian, REST – Xfire/Axis/Apache CXF, Spring MVC, JSON - Jackson |
| O/R and Data access frameworks | Hibernate, DataNucleus |
| XML frameworks | JIBX, JAXB, Castor, Simple XML, Xstream |
| Security | PK infrastructure, OAuth, OpenID |
| ESB | **JBoss** |
| Test Frameworks | **JUNIT, TestNG, JMeter** |

**Certification**

Sun Certified Java Architect (**SCEA – Part 1 to 3**)

MicroStrategy Certified Business Intelligence Consultant

Certification in Selectica Configurator

**Work Profile Summary**

**04/2015 – Till Date**

**Company: V2 Technologies (Founder)**

* Build product frameworks for start-ups and product organizations
* End to End Development at my/client’s premises
* Registered **Trainer** (Java/J2EE/Design Patterns/Architecture) for LnT
* Architectural Consulting – DMS, EA, NO-SQL – MongoDB, Neo4j, Hadoop
* Set up development processes for clients – Dev Environments, Enforce Test Driven

Development, Improve build processes with CI, Streamline load testing, Enforce Code Quality with Sonar/Find Bugs and more

* Train developer community in the context of product requirements

**Clients :**

* ABMWare - <http://www.abmindia.com/>
* Infrasoft Technologies - <http://www.infrasofttech.com/>
* Necto Technologies - <http://nectotechnologies.in/>
* Jean-Paul Casaubon (US) – Details later
* L&T InfoTech ( through HP)

**08/2011 to – 09/2013**  Role: **Architect**

**Project: Field Library** Company: Zycus

**Software:** JDK 1.5, Spring 3, Hibernate**,** EJB, JMS, JPA, Continuous Integration on Hudson, JBPM, Maven

**Servers:** Tomcat

Field library was a platform product aimed at abstracting fields from entities. This would enable having a different set of attributes in the same entity for different clients in a multi-tenant environment

**Responsibilities:**

* End-to-End Architecture and Design
* Managing teams to make sure product transits from inception to production after liaising with various stakeholders.

**08/2011 to – 09/2013**  Role: **Architect**

**Project: GoldenSource Product Suite** Company: GoldenSource

**Software:** JDK 1.5, Spring 3, Hibernate**,** EJB, JMS, JPA, Camel, JBPM, EhCache, JGroups, Builds - Continuous Integration on Hudson, JBPM, Maven

**Servers:** JBoss, Weblogic and Websphere

Golden source (GS) product suite allow end users to source standardised content from leading data vendors and other intermediaries, and combine it with their own enrichment and data distribution requirements. The GS product is based on a data processing engine based on C++ and a clustered/cached EJB/Spring/Hibernate based Java layer that represents the client interfacing layer integrating with the C++ engine.

Right now, the focus is on replicating the same set of business functions spanning across various products on the suite based on a new, scalable architectural platform.

**Responsibilities:**

* **Architecting** next generation of Goldensource products to meet current demands of scalability and performance.
* **Managing** teams and assuming responsibility for end-to-end integration of highly diverse and decoupled systems.
* **Designing** and implementing highly critical infrastructural and application use cases.
* Implementing Clusters (UDP and TCP)
* Server Migration
* Performance management and Automation
* Setting up CORBA infrastructure (Orbacus) and exposing C++ components as CORBA services.
* Setting up new development infrastructure based on Maven builds for the new product line(new codebase) using software’s as Spring/JPA/Hibernate/JBPM/Quartz/Ftp Api’s.

**09/2009 to 08-2011**  Role: **Architect**

**Project: Saba Enterprise** Company: Saba Client : Saba

**Software:** JDK 1.5, Spring 3, Spring MVC, Spring REST/WS, Hibernate**,** JAX-RS **-** CXF, SSO,

Builds - Continuous Integration on Team City

**Saba** Product offerings provide unified solutions for people management across learning, collaboration, performance, compensation and talent management, enabling customers to align, develop, manage and reward their people. **Further they** address all aspects of strategic HCM and are available both on-premise and OnDemand.

**Responsibilities:**

Design SSO capabilitiess and integrate with existing SSO providers.

Performance Management –

Tune J2EE applications and review, profile, load-test and analyze code, memory heaps and gc logs to identify bottleneck areas and arrive at solutions to address them.

Design and develop key use cases.

Identify and deploy REST framework, develop and expose existing services as REST (JSON

And Xml)

**06/2008 to 06/2009**  Role: **SOA** **Architect**

**Project: SOA Adoption Program** Company: Emirates Group – Dubai

**Software:** JBoss, Tibco, Web logic, Oracle on Unix

SOA Adoption Program in Emirates Group has the goal of allowing fairly large chunks of functionality to be strung together to form *ad hoc* applications which are built almost entirely from existing software services. The larger the chunks, the fewer the interface points required to implement any given set of functionality;

Also the goal is to host a set of infrastructure services on public platform to be consumed by applications (There are 700+ applications and 100 + new applications coming up) within Emirates Group.

**Responsibilities:**

As a SOA Architect, was responsible to come up with the deployment architecture.

Assisted in evolving the target architecture

Involved in identifying the infrastructure services to be hosted on SOA platform.

Designed, developed and hosted Cryptography and Mail Notification infrastructure services on the SOA bus.

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**02/2007 to 05/2008**  Role: **Technical** **Architect**

**Project: BIP Tendering System** Company: Viveleon Client BIP, Glasgow

**Software:** JDK 1.5, Spring, Hibernate**,** JSP, Tomcat, Xdoclet, JIBX, ANT and Oracle 10i

The system was evolved as a tendering product by BIP, Glasgow to be primarily sold to government agencies. The system was aimed to provide a platform for government agencies and vendors to meet and interact for tendering works, supplies and services.

**Responsibilities:**

As a Technical Architect traveled to Glasgow to understand the architecture and design of existing system, base line the design and development process and demonstrate the understanding by working on a prototype.

Involved in customizing the web framework to implement comprehensive navigations.

Set up the development environment at offshore.

Involved in the analysis & design of the application using **UML.**

Identifying and demonstrating the data-binding framework to map structurally different O/R models and XML DTD’s.

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**07/2007 to 09/2007**  Role: **Technical Architect**

**Project: Post Office System(Client) -Switzerland** Company: Viveleon

**Software:** Web services, OSCache, EJB and Weblogic 8.1.6

The application comprehensively integrates business functions related to financial transactions undertaken by the Post Office. The application couples several third party interfaces to give a synchronized view to the client.

**Responsibilities:**

As a Technical Architect, investigated root causes of performance bottleneck in the already implemented application.

Implemented compression and decompression of raw SOAP xml, after identifying endpoints for web service invocations (client and server) so as to access the raw xml, to improve performance.

Came up with performance benchmarks for above.

Designed and Implemented server side caching using OSCache in a clustered environment.

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**02/2007 – 07/2007**  Role: **Technical Architect**

**Project:** CYCLOPS Company: Viveleon

Client : Thomas Cook

**Software:** Java 1.5, **EJB**, Web Servies, Struts, **XML and Oracle**

It is a remake of existing client-server application for Thomas Cook that sells Foreign exchange and Travel products hosted in stand-alone kiosk terminals to networked shops spread across UK. Cyclops aims to make the current functions online and centralize the inventory, sales, rates and customer information.

**Responsibilities:**

Identifying the frameworks (web, caching, dao) and outlining the system components.

Evolve initial processes so as to set up development environment, implement configuration management plan, setup design and development processes and outline the output artifacts of these processes.

Implement prototypes to demonstrate the technologies and external frameworks chosen.

Designed and seeing through implementation of few use cases to UAT.

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**05/2005 – 01/2007**  Role: **Architect**

**Project: MediClaim (Product Development)**  Company: Viveleon

**Software:** Java 1.5, **Hibernate**, Web Services, Struts, **XML and My SQL**

The product addresses following aspects of medical insurance

* Quote Generation
* Data submission
* Claims Submission
* Claims validation

**Responsibilities:**

* Architecting and designing the system – (Including Identifying frameworks)
* Addressing the NFR’s by objectification and prioritization
* Key NFR's adderssed – Security/Performance/Scalability
* Setting up development environment – Configuration of build/SCM tools
* Prototyping
* Prospective Client Engagement

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**01/2004 – 04/2005** Role: **Analyst**

**Project:** Selectica based ‘Blue Horizon’ Configurator Company: Viveleon (Client – IBM)

**Software:** Java, Websphere, Regex

The first configurator project ever delivered by IBM automates the process of configurating IBM products. The project verifies the correctness of a configuration ordered and automatically calculates the pricing for that configuration. The project was segmented into various teams as ‘UI’, ‘Build’, ‘Logic Framework’, ‘Development’, ‘Modeling’, ‘Testing’, Business Group’, etc. The project team was distributed in NA, EMEA and AP countries.

**Responsibilities:**

To verify and enter business rules for above mentioned product lines.

To write a test harness to automate functional testing

To write “grep” based tools to automate business rules entry

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**07/2003 – 01/2004** Role: **Designer**

**Project: Quotation system**  Company: Infrasoft

**Software:** Poseidon, Design Patterns, Java

The system is aimed to retrieve quotations from a number of underwriters for a range of insurance products as Household, Travel, Caravan, and Pets. The system is to be developed for a broker. The system intends to provide an integration platform for CRM and a quotation engine. The quotation engine is a web service accessed through XML (http://www.tgsl.com/). The system provides intelligent rule based navigation on the client side to capture exhaustive relevant information (quotation related questions) from a client to retrieve a quote.

**Responsibilities:**

Design the client framework that consisted of following modules

a. Data Capture: This facilitated in providing rule based navigation to capture quotation say Household. The questions are divided in sections, so a section can hold a number of questions. Answer to a question will decide what section to display next. This decision logic is implemented in form of business rules that decide navigation.

Display Mapping: The display-mapping framework was aimed to provide complete independence between GUI components and data objects. The name of data object(s) that populates a component was recorded in configuration files, called data binding files. XPATH was used at runtime to find the data source for components in a screen. This strongly separated the presentation layer from the data and business layer.

Design the server framework

The requests coming from the client were in a xml format. The server side was an implementation of KDF framework, where in association of a client request with a server side business object was made dynamic thorough usage of configuration files. This helped in making easy the runtime changes in such associations.

**04/2003 – 06/2003** Role: **Designer**

**Project: ATM Switch (Product Development)**  Company: Infrasoft

**Software:** Design Patterns, Visio, JAVA

Infrasoft had developed an ATM switch catering to transactions coming from NDC ATM’s. The scope of the project included designing the switch to make it generic enough to handle transaction requests from Diebold ATM’s, Web, POS, and WAP clients.

**Responsibilities:**

Analyzing requirements

Designing framework for the switch by applying design patterns

Designing for compatibility with different clients – browsers/mobile/ATM machines

Prototyping

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**12/2002 – 04/2003** Role: Team Leader

**Project: Electronic Billing System**  Company: Infrasoft

**Software:** JAVA, Design Patterns, Servlets

The web-based system was aimed to provide a platform for sellers to present invoices to buyers. The system addressed a B2B segment with a financial product range. System offered payment reconciliation and dispute management mechanisms with a wide range of reports.

**Responsibilities:**

Implementing the KDF framework to address extendibility, maintainability and reusability.

Developing server side components

Analysis and Test driven development

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**08/2002 – 12/2002** Role: Team Leader

**Project: Rule Based Engine (RBE) (Product Development)**  Company: Infrasoft

**Software:** JAVA, Swing, EJB, Messaging, XML and Oracle

RBE, conceptually, is a process to apply continuously a set of If/Else constructs to a set of data referred to as Knowledge base. Sets of If/Else constructs are referred to as business rules. Business rules are precise statements that describe, constrain, and control a company's structure, operations, and strategy. They represent the intellectual capital captured in policy and procedures, customer contracts, and staff expertise. Rule-based applications include Web advisors, portfolio managers, trading monitors, automated loan and insurance underwriting, and claims processing.

**Responsibilities:**

Leading a team of two to outline a design strategy for RBE.

Identifying and implementing core algorithm for RBE.

Identifying technologies and building development and test environments.

Evolving a design strategy that covers aspects like persistence implementation, session management, and priority resolution and user management.

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**02/2002 – 07/2002** Role: Analyst and Developer (London)

**Project: Reuters Data Transfer**  Company: Infrasoft

Client: Citibank, UK

**Software:** JAVA, Swing, Java Communication, Oracle XML parser, SQL Server

Reuters Data Transfer is an interface that captures Foreign exchange and Money market transactions from Reuters Dealing 2000/3000 servers. Traders from different countries enter foreign exchange and money market transactions in Dealing 2000/3000 servers, located in respective countries, through Dealing 2000/3000 clients. These transactions are captured through a serial link and after subsequent processing sent to front end database of Citibank for whom the project was undertaken.

**Responsibilities:**

Interacting extensively with client to gather requirements.

Involved in designing, developing, testing and deploying the application in Citibank, Moscow.

Client engagement

Supporting system in production

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**10/2001 – 02/2002** Role: Team Lead (London)

**Project: EDealer prototype demonstration**  Company: Infrasoft

**Client : Citibank UK**

**Software:** JAVA, Swing, JSP, Java Beans, RMI, JMS and Oracle.

EDealer was aimed to support real-time trade capture and risk management for the following products:

a. Foreign exchange (spot, forwards and swaps)

b. Money market instruments

c. Bonds and repos/reverse repos

d. Linear interest derivatives – FRA, IRCA/CIRCA

Scope of prototype included simulating a real time data feed from Reuters, implementing a messaging based architecture to transmit confirmed deals from trading domain to back office domain and developing a web based interface to view real time reports and analysis on trade data.

**Responsibilities:**

Leading a team of 3 to develop and demonstrate the prototype.

Design and Development

Client Engagement

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**07/2001 – 09/2001** Role: Developer (London)

**Project: Data Migration for Coutts**  Company: Infrasoft

**Software:** Oracle, PL/SQL, Unix

Following takeover of Natwest by Royal Bank of Scotland, there was a need to restructure data channels and migrate data of Coutts bank to make it available to data environment of Royal Bank of Scotland. Coutts Bank was associated with Natwest. The above named project was undertaken to cater to above need.

**Responsibilities:**

Coding Reports as per specified format using stored procedures, functions and views.

Analysis

Client Engagement

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**04/2001 – 06/2001** Role: Analyst

**Project: Support Hub**  Company: Infrasoft

**Software:** Java

Support Hub was aimed to channel dataflow within organization to impact superior control over following aspects:

Planning periodic activities, recording activities done and evaluating performance based on difference between above two parameters.

Managing Customer feedback, complaints and preparing schedule for Maintenance personnel.

Enforcing hierarchy control as regards to entities such as releasing project artifacts, clearing invoices, granting leave, etc.

Implementing internal messaging for specific activities such as communication initiated by Customer Support executive to intimate R&D Manager about introducing a popular feature in the product.

**Responsibilities:**

Led a team of three to release an Inception document. Inception document contained scope of project and detailed use cases representing flow of events in Support Hub.

Analyzing and prototyping

**09/2000 – 03/2001** Role: Developer

**Project: Direct Credit Exchange**  Company: Infrasoft

**Software:** JAVA, JSP/Servlets, EJB, XML, and Oracle, Apache and Weblogic

The project was aimed to create a viable e-Commerce Application for an Associate of a Global Bank in UK, for undertaking Financial Transactions Settlement through the Web. The Solution is meant to serve global corporate customers, banks and other FIs and is planned for global deployment. The concept can be illustrated by following example. ‘Seller A sells a product to Buyer B through the exchange and in return it gets a creditory note issued by the exchange. Seller A can distribute the creditory notes in parts to other members registered to exchange when it undertakes buying transactions.’

**Responsibilities:**

Led a team of three as a module leader to implement a ‘layered architecture’ for the project.

Coding server side components such as EJB (session and entity), Java Beans, writing JSP with compliance to MVC architecture and deploying components in appropriate environments.

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**04/2000 – 05/2000** Role: Developer

**Project:** Underwriters Online Company: Infrasoft

**Software:** JAVA, SQL Server and IIS

Prototype was to represent a system that integrates end-customers insurance brokers and underwriters through a web-based end-to-end solution, where the customer could seek quote and directly deal with the exchange.

**Responsibilities:**

Developed the prototype after understanding requirements using JAVA

Analysis and subsequent prototype demonstration

**Education:**

**Bachelor of Engineering (Electronics)**