 **Shakil Akhtar** 

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## Technical Summary

* Architecture, Design and Development sound knowledge with **8+** years of experience in IT software development having expertise/experience on below technologies skill set. Sound knowledge on SOA platform, multithreaded system, Portal Systems, Internet of Things(IoT),M2M, Cloud Computing, Mobile Computing, Big Data, Rich UI Applications and large scalable Enterprise Systems.
* **Holding Valid B1 USA VISA** (visited)
* **Apache Phoenix Contributor for Big Data space (Apache Foundation Open Source)**
* **TOGAF 9.1 Certified(All Parts )**
* **Certificate for Enterprise Architecture by Enterprise Architects**
* **Cloudera Certified Developer for Apache Hadoop (CCDH)**
* **SpringSource Certified Enterprise Integration Specialist**
* **Oracle Certified Master Java Enterprise Architect(OCMJEA aka SCEA 5) All Parts**
* **Sun Certified Developer for Java Web Services(SCJDWS 1.5)**
* **Sun Certified Web Component Developer(SCWCD 1.5)**
* **Sun Certified Java Programmer (SCJP 1.5)**
* **Liferay Training Certification (Liferay USA)**
* **Spring Source Groovy Grails Training Certification (Spring Source USA)**
* **Gemfire Cloud data management Training Certification(VMware USA)**
* Proactive learner and leadership ability in SDLC, product conceptualization, research, innovation work and core services.
* Expert in new business technical proposal creating,presales,grooming technical practices in organnization,mentoring.
* Worked as freelancer for new Ideas and new business oppartunities proposal on product development, innovating products,core services, and technological business integration matrix creation.
* Freelance Corporate Trainer for Cloud Computing, SOA and Open Source technologies, delivered many trainings on these topics.
* Successfully implemented various high profile programs and software products in multiple technology domains
* Worked on architecting and designing high-performance scalable enterprise, cloud, mobile computing, M2M systems and multitenant architectures
* Worked on Internet of Things(IoT) platfrom architecting,designing and implementation
* Worked on Product backbone framework designing, development and implementation
* Worked on algorithms implemetaion and Mutithreading Programming
* Worked on cross devices (Mobile, Tablet, Laptop, Desktop, Handheld devices (e.g. MC 75 etc) framework designing, development and implementation.
* Worked on rich UI products, created custom reusable widget components using jQuery, wijmo, ExtJs, Object Oriented JavaScript and building custom UI Framework
* Worked on Language creation and grammar writing using ANTLR etc
* Worked on Product Performance tuning, Optimization, hardware and software scaling and sizing
* Expert level in Spring(Complete Stack),Struts 2,Hibernate, JPA, MyBatis(iBatis), web 2.0,Portal (JSR 168,JSR 286),AJAX and large scale product development
* Expert level in Multithreading, Batch processing and creating batch framework
* Expert level in Web Services (SOAP, RESTful), using Axis2, CXF,JAX-WS, JAX-RS, Jersey, RestEasy, WS-\*
* Expert level working with distributed systems using JAVA/J2EE and Open Source technologies
* Worked on Algorithm development and optimization
* Worked in designing and developing cross language interaction (JNI,C,C++,JAVA) in product development
* Designed and created MVC framework on servlet 3.0 web-fragment standards that support Ajax handling, custom tag libs etc.
* Involved in designing and creating framework in Oracle for cross devices that runs on Mobile, Tablets, RFID devices etc
* Adjunct Trainer in CA Technologies employee education initiatives for new technologies trend in products development, conceptualization and innovation on SOA, Web Services, Web2.0 and open source technologies.
* Designed and created Cloud Framework API to communicate with Akamai Cloud,Salesforce,Rackspace or any UNIX Cloud for Computer Associates(ca)
* Conducted training sessions on Spring,hiberntane, object oriented java script, soa,cloud computing,Mobile comuting and other new technologies trends in organization where worked.
* Involved in research and framework designing & development part of Core Services &Distributed System team at First American Corporation(A Fortune 500 Company). Developed FARETS Persistence Framework.
* Diploma in Advance Computing(DAC) from, C-DAC, ACTS (Bangalore) (CDAC developed first Indian Super Computer ‘PADMA’ and Driven by Indian Ministry of IT)**.**

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| **Skill Category** | **Skill set** |
| Languages | Java 1.5/1.6/1.7/1.8 (J2SE) Groovy, C++, C, ApplinX,  JavaScript, Python, Perl, Ruby, C# |
| Technology/Frameworks | Cloud Computing(AWS,OpenStack,Google Cloud, Heroku,Rackspace, Akamai CDN,Saasification,Docker etc),Virtulization(Vmware ESX,vSphere,KVM,Virtualbox,vmWare Fusion),BigData Technologies (MongoDB,Hbase,Cassandra,Neo4J),Nodejs,Knockout.js,wijmo,prototype.js,Android 3,Windows Mobile 6.5,J2ME,LUWIT,Tablets,JAVA Cryptography, Oracle ADF,Fusion Middleware, Oracle SOA, GemFire cloud Cache, Liferay Portal 5/6, Portlets, JSR168,JSR 286, Spring& Struts Portlets, Grails, RESTful Services, Jackson JSON parser, ExtJS 3.x, JQuery, Spring Batch 2.1, UNIX Scripting, JSch,SSH Protocol, SFTP protocol with java, SLF4J logging, Nagios, Spring Core 2.x/3.x, Spring MVC 2.x/3.x, Struts 1.x/2.x, FreeMarker Java Template Engine Library, SiteMess Decorator, JSP, Servlet 2.5/3, AJAX(GWT,YUI,JSON), JSTL, JUnit 3/4, AOP, EasyMock 2.x,JMock,Log4J,JConfig, ANT 1.6.x, Maven2.x, DWR,Rule Engine, Workflow, Hibernate3.x,Hibernate3 Annotations, JPA 1.x/2.x, Acegi /Spring Security, Jasper Report, ApplinX JSP framework, SOAP Web Services, Axis2 Web Services, JMS, JMX, EJB 2.x/3.x, Spring Web Services, JAXB, Java and XML, XSLT, XSL, Apache CXF Web Services, UML, Velocity, Dozer Java Bean mapper, Java Swing , Swing MVC & Worker, Message Broker(ActiveMQ 5.x,Apache Camel 2.x,SUN Open MQ),Mule 2.2.x,Jenks Pooling, JProbe, HermesJMS, Unitils, Mule ESB 2.x ,WSO2 ESB 3.x, Apache Synapse, JSLEE, Mobicents, SIP Servlet, SSH Client, JPOS (Point of Sale), NoSQL(Hadoop,Cassandra), Pentaho BI Suite,XML Beans,Apache Shiro,JOOQ, mockito |
| Tools | Enterprise Architect 7.x, Star UML/MDA 5.x, Astha UML,Visio, NetBeans, soapUI 2.x/3.x/4.x, Eclipse,Hudson 1.x, Continuum 1.x,Jenkins, Checkstyle, Jupiter, PMD checks, FindBugs, Subversion, CVS, SCM, Git,MyEclipse4.x,Oracle JDeveloper 11, RESTClient 2.3, Poster 3.0,TCPMon1.0,Artifactory 2.2.5,HP Quality Center 9.2,JIRA,Bugzilla 3.x,Cobertura,EMMA, JMeter 2.x, JProfiler 6.x,YourKit 9.x/10.x,OATS |
| Application/Web Servers | Web Logic Server 8.x/9.2.x/11,WebSphere 6.x, JBoss 4.x/5.x/6.x,Apache Tomcat 4.x/5.x, Jetty 5/6/7.x, ApplinX Server 4.8.x |
| SDLC/Best Practices | Agile Scrum, XP, RAD, Waterfall, Enterprise Best Practices, GoF Patterns, JAVA/J2EE design patterns, Enterprise Integration Patterns(EIP), SOA practices, Cloud Computing Architecture, Data Structure |
| Database | DB2, MySQL 5.x, PostgreSQL, HyperSQL 2.x, SQL Server 2008,Sybase,Ingres,Oracle 9i/10g,BerkeleyDB,SQLLite,MongoDB,Toad,SQuirreL,  SQLYog 8.6, HeidiSQL, SQL/PLSQL, |
| Operating System | Windows, Linux, UNIX, Solaris SPARC |

## Project Summary

### Aug 2014 – Present

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| Organization | CISCO –Bangalore |
| Title | Next Generation Secuirty Products for Cyber Secuirty,Firewalls, IOT and Clouds |
| Client | Cisco Security Technolgy Business Unit (Product Development) |
| Role | Engineer VI (Architect)- Product Development (Architecture,Innovation,Algorithm Implementation/Code Optimization/Designing/Development) |
| Team Size | 8 |

Part of Next-Generation Security Products Team at Cisco. Products include Cyber Security, Snort, Next-Generation Intrusion Prevention System (IPS), Next-Generation Firewall (NGFW), Threat Prevention, Advance Malware Protection (Networks, Endpoints, Private Cloud, and Cloud -based Sandbox), Unified Management, FireSIGHT Management Center and high performance very large data eventing, Big Data, and High Intelligent Security Automation.

Key Activities: Architecting,Researching,Designing,Algorithms writing,product core engine writing and coding NextGen Frameworks(Security Platform, REST API SaaSification,IoT,SDN Platform,Snort etc)

* JAVA 7,HTML 5,CSS3,jQuery, Mobile Computing
* EJB3, Java Swing, GWT, GXT,JSTL,Servlet, AJAX,JSP
* Lucen, REST, JPA,SOA,Jersey, Active MQ,Hibernate,Mutithreading.
* JAXB 2,JMS,Caching,XSL, XML,Socket Programming,vSphere, Sybase,MYSQL
* JUnit4, Sonar, Robot Framework,soapUI, Maven, Jenkins, Perforce
* Apache Kafka, MongoDB, Hadoop,Solar,Public/Private Cloud, Internet Of Everything(IoT)
* Snort,IPS, Firewalls,VPN,IOS,L2/L3 protocalls,Rule Engine,CLI etc
* Algorithms,Optimization,Performance tuning

### Dec 2012 – July 2014

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| --- | --- |
| Organization | Symphony Teleca Corporation –Bangalore |
| Title | NextGeneration SCM ERP Suit Products (Power Mobile,MDM,COM,OMB,Pricing,InSync,Finance,Purchasing etc) |
| Client | NCR Corporation R&D (Product Development) |
| Role | Architect- Product Development (Architecture,Innovation,Algorithm Implementation/Code Optimization/Designing/Development) |
| Team Size | 15 |

Power Enterprise Plus is Next Generation ERP product suit of NCR Retail for enterprise and cloud solutions. This product is used for Supply Chain Management opeartions. This product suit has all required component for SCM workflow. We have created NextGen Frameworks for products backbone platform.NextGen Platform has NextGen MVC Framework(created using servlet 3.0 webfragment concept,front controller etc),NextGen SOA Framework(REST,OAuth,SOAP),NextGen ORM Framework, NextGen Custom Tags and NextGen Security Framework.Architected and designed Screen Engine and designer for Master Data Management.

developed MDM engine, purchasing forecasing engine, enhanced InSync platform to support NextGen Product line.

Key Activities: Architecting,Researching,Designing,Algorithms writing,product core engine writing and coding NextGen Frameworks.Written own frameworks for MVC(NextGen MVC using servlet 3.0 specification),SOA(NextGen REST platform using Jersey),ORM(NextGen ORM),NextGen Custom Tag Libararies named as NextGen Platform. Designing and implemented Master Data Management(MDM),NextGen Security Framework,Customer Order Management(COM),OMB. Leading team and mentoring them.Client Intraction,POC creation etc.

* JAVA 7,Android,HTML 5,CSS3,jQuery,wijmo,knockout.js,backbone.js
* Prime Faces,JSF2.0,EJB3, NextGen MVC,NextGen CustomTags,NextGen ORM
* Apache Shiro,Web Services(REST,SOAP), JPA, JSTL,Servlet 3.0, SOA,Jersey,JMS Messaging,Hibernate,Mutithreading programming.
* JAXB 2,JMS,JCS,XSL, XML, AJAX,JSP, Socket Programming,JIRA
* JUnit4, JMeter, Load Runner, soapUI, Maven, Jenkins, Fiddler
* DB2,JavaDB,SQLite,HSQL DB,MYSQL,SQL Server,iSeries,Web Sphere MQ,JBoss HQ
* Algorithms,Engine writing,Optimization, Performance tuning, SVN

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### Dec 2011 – Nov 2012

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| --- | --- |
| Organization | Oracle Corporation –HYDERABAD |
| Title | Oracle Energy & Utilities Products(Mobile Workforce Management) |
| Client | Product Development |
| Role | Senior Software Developer(Innovation/Code Optimization/Designing/Development) |
| Team Size | 6 |

Mobile Workforce Management is Oracle Energy & Utilities Product. This product is used for mobile workers management while on the field. This product supports laptop, mobile devices and tablets with Android, Windows, and J2ME support. We have created MCP (Mobile Communication Platform) that has cross devices support. It has JNI layer and C, C++ implementation to talk to native platform and a script engine that will process our own written scripting language. To support low memory requirement, performance and optimized byte code we have written our own

serialization algorithms, DOM Optimization tree and Abstract Syntax Tree(AST) for grammar operations.

Key Activities: Optimizing code and bring more independent support for scripting engine to add controls, algorithms optimization increasing performance for interpreting and control execution in script language. Designing and innovation for new versions of product with new and existing technologies using Agile Scrum Methodology. Currently product leverage below technologies and frameworks

* Android, Windows Mobile, J2ME, LUWIT, Tablets, C,C++, JNI.
* ANTLR Parser, Active X, EJB3, Hibernate3.x with JPA, JAVA 4/5.
* Web Services, MS, JSP, Servlet, ADF, SOA, ORS, OUAF.
* XSL, XML, AJAX, JQuery, JSP, Socket Programming,CVM,CLDC
* JUnit4, JMeter, OATS, soapUI, Maven, Cruise Control, Fiddler
* Oracle 11g,OracleLite database,SQLite,HSQL DB,MYSQL
* Optimization, Performance tuning, Perforce,SVN,JVMTI

### January 2010 – Dec 2011

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| --- | --- |
| Organization | Computer Associates (CA Technologies)–HYDERABAD |
| Title | Beacon |
| Client | Product Development |
| Role | Applications Developer(Design/Development) |
| Team Size | 7 |

Beacon project is a product of CA that will serve as a primary point for millions of CA customers. This project is having functionality that will retire 17 CA legacy systems. Beacon is based on SOA architecture and Cloud Computing concept. Web layer is a portal system on Liferay Portal.

Key Activities: Lead application in design &development using Agile Scrum Methodology.

* Was part of project architectural creation and proof of concept showcase.

POC includes WSO2 ESB, MULE ESB, Apache Synapse ESB and other below technologies to Stakeholders.

* Akamai Cloud, Rackspace Cloud, Sales Force Cloud, Batch Process.
* Liferay Portal, Portlets, JSR168, JSR286, Java5, Spring Portlets.
* GWT,GXT, Struts Portlets, JSON, XML, AJAX, ExtJS, JQuery, JSP, Spring MVC
* Groovy,Grails,REST Web Services,JNLP,Gemfire caching
* JUnit4, JMeter, soapUI, Maven, Hudson, Puppet, RESTClient, Poster, TCPMon
* SQL Server,Ingres,HSQL DB,MYSQL, PL/SQL,Stored Procedures writing
* Memory Optimization, Performance tuning, load balancing, Harvest,SVN

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| --- | --- |
| Organization | Computer Associates (CA Technologies) –HYDERABAD |
| Title | Content Delivery Network(CDN) |
| Client | Product Development |
| Role | Applications Developer(Design/Development) |
| Team Size | 3 |

CDN is a CA product that will allow CA Worldwide users to download CA software solutions and products using Akamai cloud. This project involves job scheduling, creation of symbolic links on UNIX environment using SSH protocol based on certificate, cloud based Architecture. All CA

products and newly added apars from Star( a mainframe service) is put into queue by ETL process and synchronize with Akamai clouds .We have integrated download mechanism using Akamai Download Manager to give functionality for download streaming and monitoring. We have written daily hourly and weekly jobs for synchronization, cleaning symbolic links, compressing and decompressing ordered ESD, apars. On DB side all operation had done with procedure for security reasons and preventing SQL injection attacks.

Key Activities: Lead application in Design & Development using Agile Methodology. Created SSH

Framework to talk to UNIX cloud Architecture, Created framework for all batch jobs

with a highly configurable DB layer.

* Spring Batch 2.1, Spring 2.5.6, JDK 6, JavaIO,Mutithreading, Ant/Ivy
* JDBC with c3p0 pools, AOP,Multithreading,Scheduling, Batch Jobs
* SSH protocol,JSch SSH API, UNIX, Cloud Computing, UNIX scripting
* SAP Portal,JSP,Servlet, Akamai DLM, Quartz, Thread Synchronization
* JUnit4, DB Unit, JProbe, NMS for Monitoring apps
* SQL Server ,HyperSQL DB,MYSQL, PL/SQL and Stored Procedures writing
* Memory Optimization, Performance tuning, load balancing, Harvest

Consulting Project

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| --- | --- |
| Organization | CITI |
| Title | RAM Web Services |
| Client | Telcel Mexico |
| Role | Technical Consultant |
| Team Size | 1 |

RAM Web Services is new channel added for RAM system to perform recharge, inventory, history

and transfer etc. This is a new method for providing GSM services to subscriber as well as agents.

RAM Web Service is used to handle asynchronous calls for subscribers and to provide correct response for matching web service client. Here subscriber recharge facility is handled by regions.

Each region is configured with a queue and all responses passes through one Gateway.

RAM Web Services were configured with failover mechanism and SMS operations using SMSC and WAP portal etc.

Key Activities: Creating Technical Specification, Technology stack decision, designed &

developed whole application and documented form feasibility to delivery phase.

* Spring 2.5.6 framework, JDK 6, Maven 2.x
* Hibernate 3.x, JMS,Java Multithreading,SSL,Web Service security
* Active MQ, CXF/Axis Web Service, Mule ESB 2.x
* Tomcat 6.x, Load Balancer, Solaris Sparc,Ubuntu 64 bit Environment
* JUnit4 Test Cases, Oracle 10g,Soap 3.x UI
* Memory Profilers(JProfiler,YourKit profiler)

### May 2009 – Jan 2010

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| --- | --- |
| Organization | One97 Communication Ltd - (Telecom company) NOIDA |
| Title | Voicecore (ARPU Products) Framework |
| Client | One97 Communication Ltd (Product Development) |
| Role | Software Engineer(Design/Development) |
| Team Size | 4 |

Voicecore is a base platform for all voice and ARPU related applications. The framework supports all type of databases with runtime pluggable architecture. It is used as a base IVR product for all operators (Vodaphone, Airtel, Reliance etc). It can process simultaneous call handling for subscribers, fetches data according to request and takes care of error flow management. It uses a high throughput middleware with JMS topics and queues that handles millions of data records with a dynamic database layer and caching mechanism. There are schedulers and batch processes that perform Cron and batch jobs on the basis of requests.

Key Activities: Worked as a Lead in Design & Development for framework. Implemented Enterprise Integration Patterns (EIP) for messaging and database layer. Created middle tier framework to handle application event logging with AOP. Applied memory optimization techniques, performance enhancement and security role configurations in framework.

* Spring 2.5.6 framework, Struts 2, JDK 6, Java IO, Maven 2.x, SiteMesh
* Hibernate 3.x,AOP,JMS,Multithreading,Scheduling, Spring Security
* JMS, Sun java Message Queue,Jenk,Jotm,JAXB
* Tomcat 6.x, JBoss, Hermes,Servlet,Mule
* JUnit Test Cases, Unitils Test Cases, MockRunner,JProbe
* MySQL 5.1,Derby,JMeter load balancing, JProfiler memory optimization
* Memory Optimization, Performance tuning

Consulting Project

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| --- | --- |
| Organization | CITI |
| Title | Gestor Connector |
| Client | Telcel Mexico |
| Role | Technical Consultant |
| Team Size | 1 |

Gestror Connector is a bridge to provide new services for Broad band and Air time prepaid recharge for telcel subscribers. This service is launched with SIM card 4 tool kit. Gestor connector is a component that will do recharge for broadband services and mobile prepaid services. Gestor is a component that will be integrated as a mule service component for doing recharge with the help of telcel web service.

Key Activities : Designed & Developed whole Application with documentation from feasibility to delivery

* Spring 2.5.5 framework, JDK 6, Maven 2.x
* Hibernate 3.x, JMS,Multithreading
* Active MQ, Axis Web Service, Mule ESB 2.x
* Tomcat 6.x, Mule2.x Server, Mule IDE
* JUnit4 Test Cases, Oracle 10g,Soap 3.x UI
* Memory Profilers(JProfiler,YourKit profiler), Ubuntu 64 bit, Solaris SPARC

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| Organization | One97 Communication Ltd - (telecom company) NOIDA |
| Title | Message Broker DB |
| Client | One97 Communication Ltd (Product Development) –Problem Solution product |
| Role | Software Engineer(Design/Development) |
| Team Size | 1 |

Message Broker DB is a solution for database transaction and asynchronous handling of VAS related services in One97.It handles requests coming from IVR contarra tool and other sources .This will give an asynchronous and multithreading handling of information even in power failure, data loss recovery and transaction handling. The transaction data will come through broker that will keep sending and receiving info through a JMS layer. This layer will manage session and keep info in broker database. Later whenever receiver is active it will resend info to finally persisting information.

Key Activities: Designed application and developed, Created HLD and LLD

* Spring 2.5.6 framework, JDK 6 ,UML (Low level, High Level design )
* JDBC with Spring JDBC support, Spring JMS support, Multithreading
* JMS, ActiveMQ Message Broker, Apache Camel, Jenk,JAXB,StaX,XML
* Tomcat 5.x/6.x, LightHttpD , Hermes
* JUnit Test Cases,JMock,MockRunner,JProfiler,JProbe,Yourkit profiler
* MySQL 5.1, Agile Methodology.

Consulting Project

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| Organization | LearnBeyond |
| Title | LearnBeyond(eLearning Product) |
| Client | Learnbeyond USA |
| Role | Technical Consultant (Technology Specialist) |
| Team Size | 3 |

Learn Beyond eLearning is a product of Learn Beyond Inc. Organization. My Work was involved to redesign and rewrite their existing 8 years old product in new technologies,frameworks and converting all functionalities as a portlets.New product will support mobile,tablet thin and thick client access.

Key Activities: Technical specification writing, Modeling, Technology Stack Decision, Guiding

Team, designing& developing, Team handling, Preparing technical documents for

HLD, LLD& Use Cases.

* Spring 3.1, JDK 7,J2EE 6,JSF2.0,PrimeFaces
* MyBatis(iBATIS),Spring 3.x Portlets,REST Web Services,
* Liferay 6.1.x,Liferay SDK and Ext environment
* JUnit4 Test Cases, MYSQL 5.x,Maven 3.x

Consulting Project

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| Organization | GSIHealth |
| Title | Validator Tool & Adaptor |
| Client | GSIHealth USA |
| Role | Technical Consultant (Integration Specialist) |
| Team Size | 1 |

Validator Tool and Adapter are two middle ware products of GSIHealth for their health platform. This tool integrates with various hospitals, private doctors and DOH of USA using standard health specification HL7, IHE, XDS, XDR, PIX, PDQ, Direct etc for exchanging patient information. This is built on SOA principles using WS-I Basic profile and OASIS web services standards.

Key Activities: Business to Technical Specification Modeling, Technology Stack Decision,

Designing& developing, Team handling, Preparing technical documents for

HLD, LLD& Use Cases.

* Spring 3.1, JDK 7,J2EE 6,CXF 2.5 Web Services, JSF2.0, RichFaces4,GWT 3.x
* JPA 2,EJB 3.0,SSL,X.05 certificates,WS-\* standards,SAAJ,MTOM
* HL7,IHE,XDS,XDR,XD\*,PIX,PDQ,DIRECT,HIMSS specifications
* Glassfish 3.x, Windows Server, Hyperic 4.x,MIRTH
* JUnit4 Test Cases, MYSQL 5.x, SoapUI 4.x , Maven 3.x

### August 2008 – May 2009

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| Organization | Steria(India) Ltd - (client end) |
| Title | Digicel Money Transfer (DMT) |
| Client | Digicel Jamaica(Product Development) |
| Role | Software Engineer(Design/Development) |
| Team Size | 10 |

Digicel is a mcommerce product for mobile money transfer and mobile banking to Digicel Group based on Jamaica. The DMT service is having Operator, Money Transfer Agent, Master Agent, Subagent, Agent and Customer entities. For each currency within market there will exist a single instance of an operator with an associated Operator Account. The role of operator is to administer the DMT service recruiting and activating Money Transfer Agents, Master Agent and Agent.

Key Activities: (Develop/Design)

* Struts 2.0 framework, Spring framework, JDK 6
* Sitemess Decorator, FreeMarker templates
* Hibernate 3.0
* Web sphere 6.x, Tomcat 5.x,USSD Browser, ISO Server, ATM libraries
* JUnit Test Cases, Agile Methodology
* Oracle 10g,Toad

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| Organization | Steria(India) Ltd - NOIDA |
| Title | Learn Storm |
| Client | Learn Storm(Product Development) |
| Role | Software Engineer(Design/Development) |
| Team Size | 7 |

LS is a product for all schools and universities e-learning program. It has registration module implemented in Spring MVC and Acegi Security on top of AppFuse. Registration process is based on roles and admin notification events. Other modules in product are Teacher, Tutor, Student, Member and Admin. This product supports virtual classrooms, video sessions and web meetings (Dim Dim integration) to make more interactive learning.

Key Activities: (Develop/Design)

* Spring MVC, Struts 2.0 framework, JDK 6
* AJAX frameworks(GWT,YUI,JSON),Opensocial framework
* Hibernate3 Annotation, JPA ,Spring middle tier
* Tomcat 5.x,JBoss4.x,ASEGI Security,DimDim WebMeeting
* MySQL/Oracle

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| Organization | Steria (India) Ltd - NOIDA |
| Title | AirmanNG (Aircraft Maintenance Analysis for New Generation) Tool |
| Client | Airbus (Product Development) France |
| Role | Software Engineer(Design/Development) |
| Team Size | 10 |

AirmanNG is a product of Airbus that is providing aircraft maintenance analysis monitoring for different families of Airbus aircrafts. In this project we receive messages from aircrafts by ACARS network then decode, parse and route them. We monitor plane’s health in all states (ground, air). Modules in the project are Cannibal Processing, HMI (Human Machine Interface), ACMS (Aircraft Management System), Flight Leg, CMS, Administrator, LGM (eLogbook ground management), SDM.

Key Activities: Developing application and involved in some modules designing part.

* Spring 2.5.5 framework, JDK 5, JDK 6 , ANT LR Grammar
* Hibernate persistence framework API,EJB, Agile Methodology
* JMS, JAXB,XML,XSL,XSLT, JMX, Spring Web Services,JBoss4.x,Dozer,JAAS
* CXF web services, Swing, Websphere, Java/Spring scheduling
* JUnit Test Cases,JMock,MockRunner
* PostgreSQL /Oracle databases. Agile Methodology

### Aug 2007 – August2008

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| Organization | First Indian Corporation( a subsidiary of First American Corporation) -- BANGALORE |
| Title | Automation of Funds Management |
| Client | First American Corporation(Product Development) USA |
| Role | Software Engineer(Design/Development) |
| Team Size | 12 |

Automation of Funds Management is an automation of Tax paying info. The intended use is transaction processing of bank’s fund transfer request. Development was based on Agile Methodology.

Key Activities: Involved in designing framework and development. Applied framework in project work

* Creating using Spring 2.0 framework, with FARETS persistence framework we created this framework using Hibernate persistence framework API.
* DB2 backend database.
* Security implemented using ASEGI security and FA central security API.
* XFire Web Services
* Liferay Portal
* JUnit Test Cases, Easy Mock
* Agile Methodology

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| Organization | First Indian Corporation( a subsidiary of First American Corporation) |
| Title | Automated Redemption Calculation(Design/Development) |
| Client | First American Corporation(Product Development) USA |
| Role | Software Engineer |
| Team Size | 4 |

Automated Redemption Calculation is a FAC product to calculate redemption amount on property tax for California State of USA.This is used in first American property locator system.

Key Activities: Involved in designing and development

* Spring MVC framework
* DB2 backend database.
* Web services implemented using XFire, JUnit Test Cases, Easy Mock
* EntireX for Mainframe Integration, Agile Methodology.

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| Organization | First Indian Corporation( a subsidiary of First American Corporation) |
| Title | Tax Processing System(TPS)(Enhancement project) |
| Client | First American Corporation(Product Development) USA |
| Role | Software Engineer |
| Team Size | 10 |

TPS is an enhancement project of SmartWeb project. This module developed in Applinx.

TPS is a First American Corporation product to pay online Tax. ApplinX is used to scrap mainframe CICS screens and put them as web pages to interact with users. User interacts with web pages that internally generate events for mainframe.

Key Activities: Involved in application development

* ApplinX JSP framework and ApplinX server.
* JDK 1.4,JSP,Servlet,GX tag libraries
* DB2,Applinx java repository
* Developed to map mainframe CICS screen view in web page.

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| Organization | First Indian Corporation( a subsidiary of First American Corporation) |
| Title | Fidelity Billing LFR Tax View |
| Client | First American Corporation(Product Development) USA |
| Role | Software Engineer |
| Team Size | 8 |

Tax View is a module of SmartWeb Application. This module is developed as mainframe CICS screen. ApplinX is used to put mainframe CICS screens as web pages. User interacts with web pages to see his Tax Information. Internally these pages are integrated with legacy mainframe application.

Key Activities: Involved in designing and development of application.

* JDK 1.4,JSP,servlet,GX tag libraries
* DB2,Applinx java repository
* Implemented using ApplinX JSP framework and ApplinX server
* Developed to map mainframe CICS screen view in web page.

|  |  |
| --- | --- |
| Organization | First Indian Corporation( a subsidiary of First American Corporation) |
| Title | Stellent Login |
| Client | First American Corporation(Product Development) USA |
| Role | Software Engineer |
| Team Size | 10 |

Stellent Login was a project to interact between all subsidiaries of First American Corporation

And provide a better search among the projects developed in java and .net with better interaction. In this project we have done secure login using First American Central Access API and Struts framework.

Key Activities: developed application

* Struts MVC framework,
* Hibernate 2.x persistence framework.
* DB2 backend database.
* Security implemented using First American security API.

## Technical Areas of Interest

Java internals, Design Patterns, distributed computing, cloud computing, Spring framework, JUnit, Hibernate, UML, C++, Artificial Intelligence and Learning New Technologies.

## Academic Summary

* Bachelor of Technology (CS) from UP Technical University in 2005 with 68%.
* HSC from UP board in 1996 with 69%.
* Intermediate from UP board in 1998 with 64%
* DOB 15 Dec 1981
* PanNo: VBNHG1230N
* Passport: F4563210
* Gender: Male
* Marital Status: Single