

Over 17 years of experience in planning, designing and implementing IT projects using wide range of technologies like **AWS eco-system**, Java Full Stack, **Big data eco-system**, SOA and Web development technologies.

- Strong Experience in AWS ecosystem and core services.
- Lead dynamic and business critical IT projects. Worked with business partner's stakeholders and IT teams. Negotiated project terms.
- Strong experience in **Amazon EC2, Amazon S3, DynamoDB, Amazon RDS, ECS (Elastic Container Service), Elastic Load Balancer, Auto Scaling, CloudWatch, Cloud Formation, Virtual Private Cloud(VPC), IAM, KMS, Lambda**.
- Strong Experience in designing and implementing Micro Services and Serverless programming using API Gateway, Lambda, ECS and Docker.
- Extensive hands-on experience on **Big data eco-system - Hadoop, HDFS, Cassandra, MapReduce, Spark, Sqoop, Hive, Pig, Kafka, Storm**.
- Experience in NoSQL databases –MongoDB, Cassandra, HBase, DynamoDB.
- Expert knowledge in **AWS Big data solutions (EMR , Kinesis and DynamoDB)** and AWS analytics services (EMR, Athena, Glue) and.
- Very good understanding of **Microsoft Azure services**.
- Strong experience in Enterprise Application Integration and Business Process Management using Oracle SOA 11g, OSB, Oracle BPM, Business Rules, Human Workflow, BAM, OWSM and Oracle technology adapters, JMS, Web Services and TIBCO Business works/EMS.
- Strong experience in Java Full Stack, Grails, Spring Framework Ecosystem (Spring Framework, Spring MVC, Spring REST, Spring Data, Spring Security, Spring Boot, Spring Batch), Hibernate, Jasper Reports.
- Strong skills in WebLogic 12c, WebSphere, Tomcat, JBoss 4.x Application Servers
- Strong web development skills using **Java, Java Server Pages (JSP), JSP Tag Libraries, Struts, Spring MVC, Angular JS, NodeJS, AJAX, Servlets, XML, XSLT, XPath, XQuery, Xerces Parser, Java Servlets, J2EE & MVC architecture**.
- Extensively worked in Object/relational persistence layer using Hibernate 3.x/4.x/5.x, JPA , Spring Data.
- Excellent knowledge and Strong Experience in Web Services technologies (Axis ,CXF, SOAP, WSDL, REST, JSON, XSD, JAX-WS, JAXB, XML, XSLT, MTOM)
- Experience in Oracle, SQL, PL/SQL, Stored Procedures.
- Extensively worked on RDBMS Oracle8i/9i and Microsoft SQL Server and written complex queries and stored procedures.
- Experience in different stages of Software Development Life Cycle (SDLC) and knowledge of software engineering methodologies, principles and practices with Waterfall, Agile and test driven methodologies that includes Scrums, daily stand-ups and client interaction.
- Proven track record in project and product delivery schedules. Thorough knowledge in systems analysis and design techniques and patterns. Experience in Troubleshooting complex issues that exist in integrated systems.
- Ability to learn and analyze complex systems/ applications and problems quickly, and help develop solutions fast, following the procedures and standards in place.
- Excellent customer facing skills and communication skills.

CERTIFICATIONS:

- **AWS Certified Solutions Architect - Associate**
- Sun Certified Web Component Developer
- Sun Certified Java Programmer
- Oracle Certified Professional (SQL and PL/SQL)

TECHNICAL SKILLS:



Cloud Computing : Amazon EC2, Amazon S3, DynamoDB, Amazon RDS, API Gateway, Lambda, Elastic Load Balancer, Auto Scaling, Cloud Watch, Cloud Trail, Amazon SQS, VPC, Amazon Kinesis, EMR, Cloud Front, Amazon SNS, Cloud Formation, Microsoft Azure Services.

BigData/NoSQL: Hadoop, Spark, Sqoop, Kafka, Storm, Hive, Pig, Flume, MapReduce, Cassandra, MongoDB.

Languages/ Technologies / Frameworks: Java Full Stack, C, C++, PL/SQL, Groovy, Grails, DotNet, NodeJs, AngularJs, jQuery, HTML5, JSP, Servlets, Ajax, DWR, CSS3, Javascript, Bootstrap, Spring, Spring MVC, Spring Boot, Spring Batch, Struts, Servlets, Applets, Spring REST, Spring Data, Jasper Reports, JMS, Web Services (REST, SOAP, JAX-WS, WSDL,XSD, Axis 2, CXF, JAX-RPC).

ORM / Persistence Frameworks: Hibernate, Toplink, GORM, JPA.

Portals : Weblogic 8.x/9.x/10, Tibco Portal Builder, JSR 168.

Enterprise Application Integration/Business Process Management: Oracle SOA Suite 11gR1/12c, OSB, Aqualogic BPM 6.0, Weblogic Integration 8.1.5, TIBCO Business works 5.x, TIBCO EMS.

Build/ Continuous integration: Maven, Jenkins, ANT, UNIX Scripts, bash, shell.

Design and Methodologies: Agile, Waterfall, behavior driven development (BDD), test driven development (TDD).

Development Tools: Eclipse, IntelliJ, Developer 11g, Visual Studio.

Testing/Defect Tracking Tools: JUnit, Spock, Mockito, JIRA, and HP Quality Center.

Source Control: Git, Subversion, CVS, VSS.

Database/Languages: Oracle, SQL Server, MySQL, DB2, Sysbase and PL/SQL.

Application Servers: Weblogic 12c, Websphere 8.x, Tomcat 7, JBoss 4.1, IIS 7.

Microsoft Technologies: DotNet, C#, VB.Net, Project Server, SharePoint Server (MOSS), SSRS.

Content Management Servers : Documentum 4.x

PROFESSIONAL EXPERIENCE:

Texas Department of Public Safety / NIC
Sr. Technical Consultant

May 10 – Till date

Responsibilities:

- As Senior Technical Consultant designed and developed various applications for Department of Public Safety and several other agencies of State of Texas. Mentored and guided the developers on the development, provided technical specifications.
- Established and enforced coding standards. Reviewed developers code and made recommendations as necessary. Worked with developers to improve the Unit tests and Code coverage
- Designed and implemented REST API using spring / spring boot.
- Implemented security for REST services with Spring security / OAuth.



- Extensively used Spring boot and Spring batch for batch processing application.
- Extensively used Spring MVC and JPA for web based application.
- Designed and Developed Microservices using Spring boot, Spring REST and Spring data.
- Developed architectural best practices for building systems on AWS.
- Perform data migration from on premises environments into AWS.
- Worked with Product Owners and business leaders on the requirements and come up with a viable design following the standards put in place.
- Setup DynamoDB and created tables for Dev, Stage, PROD Environment for Vehicle safety inspections in AWS.
- Created S3 buckets and architected / implemented a solution for continuous replication of the objects using S3 events and Lambda functions.
- Designed and developed programming interface to integrate DynamoDB and S3 with Oracle SOA.
- Designed and developed Micro services using AWS API Gateway, Lambda and ECS.
- Designed and developed various Oracle SOA composite applications and Oracle Technology adapters to integrate with approximately 25 external data sources.
- Designed Canonical Data model for Fusion Center based on NIEM standards.
- Designed and developed XSD and WSDL for all SOA services.
- Used MDS to store common artifacts: Schemas and WSDL.
- SSO implemented using Oracle IAM and Oracle OWSM.
- Developed automated build and deploy scripts for SOA composites and various applications using ANT scripts and integrated into Bamboo for continuous build and deploy.
- Domain Value Mappings (DVM) was used to map the code values between external data source and Fusion Center.
- Designed and devolved MTOM Enabled webservices to exchange the images.
- SOA Configuration plans were used to configure environment based parameters and endpoints.
- Extensively used AWS EMR for big data solutions.
- Designed and Developed Emissions check solution to identify High emitting vehicles and send alerts to regulatory division. Kafka, HDFS, Hive, Spark, HBase, Machine learning
- Designed and developed Fraud analysis system to help Law enforcement agencies of controlled substance abuse Kafka, Hadoop, HDFS, Spark, HBase, Machine learning
- Importing and exporting data into HDFS and Hive using Sqoop, Spark Core and Spark SQL
- Involved in loading data from UNIX file system to HDFS, configuring Hive and writing Hive UDFs
- Worked in converting Hive/SQL queries into Spark transformations using Spark RDDs and Scala.
- Developed Spark code using Scala and Spark-SQL for faster testing and data processing.
- Extensively used Grails as UI and involved in design, coding and customizing Grails Plugins.

Environment: AWS (EC2, S3, DynamoDB, Lamda, API Gateway, Docker, ECS, RDS, SQS, SNS), Hadoop, Hive, Sqoop, Kafka, Spark, Storm, MongoDB, Oracle SOA Suite 11gR1, OSB, Groovy, Grails, Java Full Stack, Spring, Spring MVC, Spring Boot, Spring Batch, Spring Data, Angular JS, REST, Oracle 11g, Microsoft SQLServer, MongoDB.

**MIS (Market Information System) – ERCOT
Lead Portal / J2EE Developer**

Feb 08 – April 10

Roles & Responsibilities:



- Design and developed MIS portal pages and portlets using TIBCO Portal Builder.
- Implemented Role based access in MIS portal at page, portlet and report level.
- Design and developed source WebServices for the MIS portal using TIBCO Business Works.
- Developed various source applications for the MIS portal using Spring, JPA, Struts2 and Hibernate.
- Developed XMBeans for various source applications to manage the data sources at runtime in JBOSS
- Developed Dashboards (charts) using JReport.
- Involved in developing Search functionality using Google Search Appliance.
- Involved in installation and setup TIBCO Admin, TRA and portal Builder in various environments.
- Portal authentication was implemented using JAAS
- AJAX was used for the presentation of dynamic content.

Environment:

J2EE, TIBCO Portal Builder 5.2.2, TIBCO Business works 5.7, SOA, Struts2, Spring 2, EJB, Hibernate 3.x, JPA, JAXB, JReports 9, JBOSS 4.3, Oracle 11g, LDAP.

**Perficient Inc.,
CashLinx, Cash America, Fort Worth, TX
Sr. Technical Consultant**

Nov' 06 – Jan'08

Roles & Responsibilities:

- Integration of different applications (Facility Master, GAL and etc...) in Cash America with Cashlinx. These other applications publish the message on to TIBCO EMS. An MDB in Cashlinx picks up the message from TIBCO EMS and updates Cashlinx database.
- Administrating TIBCO EMS.
- Mentoring the team in Integrating the TIBCO EMS and MDB running in Websphere.

Environment:

WebShpere Application Server 6.0, TIBCO BW 5.4, TIBCO EMS, JMS, EJB, JAXB, XMLBeans, RAD 6.0

**Denali -Vendor Management System (Broadlane, Dallas, TX)
Sr. Technical Consultant**

Roles and Responsibilities:

- Design and Develop the workflow process for Timesheet, Invoice modules.
- Effectively used Page Flows in Portal Development.
- Design and Development of business process using ALBPM Studio.
- Used PAPI webservices to start the processes.
- Responsible for setting up the Weblogic portal authentication with LDAP(ADAM)

Environment:

WebLogic Portal 8.5/9.2, Aqualogic BPM 6.0, Struts, Hibernate, EJB, JMS, Web Services, XSD, XMLBeans.

**Cingular, Dallas
Common Services Interfaces, MyCSP(Cingular, Dallas, TX)
Sr. Weblogic Integration Developer**

Feb' 06 - Oct' 06

CSI (Common Services Interfaces) is a platform for enabling B2B partners and compliant of SOAP v1.2 web services implementation that provides a robust set of services intended to



support the management of Cingular's wireless customers by Cingular's business partners. CSI is developed using WLI and used several JPDs.

Roles and Responsibilities:

- Design and Development of business JPDs and Webservices using workshop.
- Responsible for designing input/output xml schemas using XMLSpy.
- Wring test cases to test JPD.
- Effectively used all JMS, RDBMS Event generators.

Environment:

WebLogic Integration 8.5, Weblogic Portal 8.5, EJB, Web Services, XSD, JPD, JMS, XMLBeans.

**AHP (Affordable Housing Program)
Sr. Weblogic Portal Developer**

**Federal Home Loan Bank of Dallas
Oct' 05 – Jan' 06**

AHP application makes it easier for members and community sponsors to meet the affordable housing needs in the communities.

Roles & Responsibilities:

- Developed Portal pages and portlets using weblogic portal 8.1
- Responsible for setting up the weblogic portal authentication with LDAP.
- Effectively used weblogic portal 8.1 to develop portal for CUDS, used webservices to communicate with LDAP.

Environment:

WebLogic Portal 8.1, J2EE, Struts, Sybase, Web Services, LDAP Server.

www.celloneusa.com

June' 05 – Sept'05

Sr. Weblogic Portal Developer

Roles & Responsibilities:

- Responsible for writing Java Page Flows, converting struts actions into page flow actions.
- Effectively used Weblogic Content Management Server.

Environment:

WebLogic Portal 8.1, J2EE, Struts, JSTL, Hibernate, TOAD, Oracle.

SSP Order Management (Verizon, TX)

Feb' 05 – May'05

Roles & Responsibilities:

- Responsible for fixing the defects in the production.
- Responsible for new CR's IR's.
- Designed and Developed MDBs based on the client's new requests.

Environment:

WebLogic Server 8.1, JDK 1.4.1, JMS, XML, Web services, JDBC, Apache SOAP, IntelliJ IDEA, TOAD, Clear Case, UNIX.

Pfizer, NY

Oct'03 – Jan '05

Senior Software Engineer/Team Lead



Roles & Responsibilities:

- Involved in requirements gathering and preparing BRD and converting into Functional Documents
- Design and develop JPD and then WebServices using Weblogic Workshop
- Developed Portal pages and portlets using Weblogic portal
- Writing the Ant build scripts to deploy the application in Pfizer CIT.
- Generated PDF/Excel reports using JasperReports
- Designed Data model using ERWin
- Involved in writing automation Test scripts

Environment:

WebLogic Server 8.1, Weblogic Portal 8.1, WebLogic Integration Sever 8.1, JDK 1.4.1, J2EE, XML, Web services, xerces Parser, Hibernate, Axis 1.4, Crystal Reports, IntelliJ IDEA, JasperReports, ERWin, TOAD, Windows 2000 Server.

LDAP Browser/Editor

ObjectNet Technologies, Atlanta, GA

Nov 02-Sep 03

Roles & Responsibilities:

- Developed various classes for getting objects from LDAP server and to display as tree in LDAP browser
- Developed GUI for LDAP browser using SWING
- Pop-up menus has been provided over the tree/table

Environment: Java 2, Java Swing, LDAP, XML

SpiderXchange (www.spiderxchange.com), Dayton, OH

Apr 02 –Oct 02

Roles & Responsibilities:

- Developed Screens using JSP, XML, HTML, and JavaScript.
- Involved in design and development of the middle tier. The middle tier is developed using JSP, Servlets and EJB's and deployed on Weblogic server 5.1. Based on request from JSP, EJB's query and update Oracle database by executing stored procedures
- Tested on WebSphere 3.5 and Weblogic 6.0 Applications Servers

Environment: EJB, Servlets, JSP, XML on Weblogic 5.1, WebSphere 4.0 and Oracle8 as backend database

WorkFlow Engine

May' 01 – Mar' 02

Roles & Responsibilities:

- Implemented the worklist handler interface, workflow activity interface, worklist handler interface
- Developed a generic logging service
- Designed and developed the Order Entry framework beans and classes
- Involved in creating the on-line lawyer's application using workflow server

Environment: EJB, Servlets, JSP, XML on Weblogic 5.1, WebSphere3.5 and Oracle8 as backend database

Portal site in native language Telugu

Dec'00- Apr'01

Roles & Responsibilities:

- Involved in extensive analysis of the project
- Extensively used JSP and Java for designing and coding of the site.
- Widely used Multimedia features for providing audio/video support
- Used caching techniques on database to give better performance of transactions
- Called different Applets for puzzle, to draw architectures in JSP pages
- Multi Room Discussion Forum with automatic mailing system.

Environment: JSP, JavaScript, Java, FrontPage, Oracle, Sybase, WebLogic5.1

ObjectOne Information Technologies, India

Aug'99 – Nov'00

Executed several projects, like online Tender Transaction Processing System, Object Proxy server, Orderware supply chain management System for Jimmy Dean, Library Information System. My Responsibilities at ObjectOne Information Technologies includes Design, Feasibility Study, Coding, and Testing & Implementation. The technical environments includes Java, EJB, Servlets, JSP, XML, Weblogic 5.1 and Oracle7/8.x

EDUCATION:

- Master of Computer Applications (MCA) from Osmania University 1999 with 75% Distinction
- Bachelor of Science in Computer Science from Nagarjuna University 1996 with 86%.