**Aashish Kumar Pandey**

**Phone:**+1 (478) 300-4888, **E-Mail:** jackson@xlsoftek.com,

**Professional Summary:**

* **15 years** of IT experience in analysis, design, development, documentation, implementing and testing of software systems in Java, J2EE and Internet technologies.
* Strong Knowledge on Application Development using **Software Development Life Cycle SDLC**using various methodologies like **Waterfall**, **Agile**/**Scrum**.
* Expertise in working with various J2EE technologies including **Hibernate**, **Struts** MVC Framework, Spring Framework, Servlets, **JNDI, JMS, JDBC, AJAX, WEB SERVICES (SOAP and Rest), Spring Security with OAUTH 2.0, Micro service, Hibernate , JPA** , **EJB, Session Bean, MDB and GRADLE.**
* Strong experience **in Spring Framework** such as **Spring MVC**, **IOC**, **AOP** and **Spring JDBC,ORM**.
* Strong hands - on experience with **Spring IO**, **Spring Boot**.
* Extensive experience in developing **Microservices** using **Spring Boot, Netflix OSS (Zuul, Hystrix,** **conductor**), **APIGEE API Gate way, Nginx Server, XHIRO Session management** and followed domain driven design.
* Experience in using build/deploy tools such as **Jenkins, Docker** for Continuous Integration & Deployment for Microservices.
* Experience in using **AWS Products such as Amazon EC for Redis, open stack container as Amazon Elastic Kubernetes Service (EKS), ELK stack as Elasticsearch, Logstash, Kibana and AWS S3 storage, AWS EC2.**
* Experience in using **message broker like Kafka, Rabbit Mq**.
* Experience in **using RDBMS and No Sql Database like Oracle, Mysql, Cassandra and in memory cache Gemfire, AWS Redis.**
* Experience in using Event driven application with **Deep IO for the Client of T-Mobile**.
* Experience in implementing **Java EE design patterns** such as **MVC**, **Singleton**, **Session Facade, DAO, DTO,**and**Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
* Good experience in developing **Web Services Restful, SOAP, JAX-WS, WSDL**.
* Experience in **core Java-Multithreading, collections, Servlets and JDBC**.
* Experience in Configuring and deploying applications on **Tomcat** 5.5/6.0/7.0 server.
* Knowledge of XML Suite of Technologies XML, XSL, XSLT, and validations with DTD and XML Schema and processing profile with SAX, DOM Parsers.
* Experience in using **Kibana and Splunk, Grafana and Prometheus** for log and time-series analytics, application monitoring, and operational intelligence use cases.
* Hands on experience with build and deployment tools including **Ant** / **Maven**, logging and Debugging using**Slf4** and **Log4j**, unit and integration testing using JUnit.
* Experience with **Use-Case** design, **Class**and**Sequence** diagrams using **UML**.
* Good working experience in GUI design and application development using IDE's like **STS**, **Eclipse**and**Net Beans.**
* Knowledge on **GoF Design Patterns and Core J2EE patterns (Beginner)**
* Worked closely with development and release management team to solved Build and Deployment process throughout the all phases of Development.
* Experience in setting up branching strategies, merging and taking regular backups of the source code on **GIT, Bitbucket** , **SVN server and code coverage tool (JaCoCo)** along with Java Packages
* Excellent team player with good analytical, strategic planning and interpersonal and communication skills. Highly motivated, enthusiastic and self-starter.

## Technical Skills:

|  |  |
| --- | --- |
| **Object Oriented Languages** | Oracle Java1.6, Oracle Java 1.7, Oracle Java 1.8, J2EE |
| **Procedural Languages** | C, C++, PL/SQL |
| **Technologies** | Struts 1.3,Struts 2.0,Hibernate 3.0, Spring 4.3.7, Spring Boot 1.5.2,Microservices ,Pivotal Gemfire 9.0.3, Apache Cassandra No SQL Database, RabbitMQ, DEEP.IO, Soap UI, Restful webservice, HTML, DHTML, CSS, JavaScript, AJAX, Servlets, JSP, XML, XSLT, DTD, XSD, JAXB2.0 |
| **Frameworks** | Struts 1.3,Struts 2.0,Hibernate 3.0, Spring 4.3.7, Spring Boot, Microservices,Apache Flink, NetFlix Oss, Netflix Hystix,Jboss Seam 2.0, JSF 1.2, Tiles, EJB 2.0/3.0 (Stateless Session Beans, CMP, BMP, MDB). |
| **Apache Projects** | Ant 1.5, Log 4j, Apache Cassandra No SQL Database, APIGEE |
| **Tools & Utilities** | Eclipse, STS(Spring Tool Suite),RAD, Netflix Hystrix, Netflix Oss stake, Editplus, Putty, winSCP Toad, SQL Developer, Soap UI, Postman Client, Jenkins. Agile Methodology Rally |
| **Application/Web Servers** | BEA Web logic, IBM Web Sphere, Tomcat |
| **RDBMS** | Oracle 9.x, Oracle 10g, DB2 , My Sql |
| **Source Control** | Rational Clear Case, SVN, Git , Bitbucket Atlassian |
| **Design Patterns** | Core and J2EE Patterns as Singleton, Session Facade, Factory, Microservice Patterns, Service Locator, Value List Handler, Transfer Object, Front Controller, DAO, Iterator, Command, Observer. |
| **Operating Systems** | Windows 9x / 2000 / XP/ Windows 7,10, IOS, Ubuntu, DOS |
| **Domain** | Automotive, Telecom, e-Learning |
| **Software development methodologies** | Agile, waterfall |
| **Proficiency** | Micro Services, Middleware application development, Application Design, Database design |
| **Cloud Product** | Redis, Kubernetes ,RDS, Simple Storage Service S3,DynamoDB, API Gateway, AWS Lambda(Serverless), Kinesis Stream, AWS Batch, Step Function, ECR, IaaS(EC2),Azure Bus service |
| **Cloud Application Platform** | Pivotal Cloud Foundry (PCF), AWS |
| **Defect Tracking tools** | HP Quality Center, Clear Quest, Jira |
| **Caching** | Gemfire 8.2.6, Amazon Redis |
| **Message Brokers** | RabbitMQ, Kafka, AWS Kinesis |

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**Professional Work Experience**:

***Client: Toyota Motors***

***North America, Plano***

***Texas***

Sr. SOFTWARE ENGINEER

***Jul 2022-till Date***

**BRRI Data Hub Services (Backend developer – AWS cloud services like Lambda, Api gateway, Batch, RDS, S3, Apache Flink, Kinesis Data Stream, Kafka and DynamoDB)**

Toyota is the global market leader in sales of hybrid electric vehicles, and one of the largest companies to encourage the mass-market adoption of hybrid vehicles across the globe. Toyota is also a market leader in hydrogen fuel-cell vehicles. Cumulative global sales of Toyota and Lexus hybrid passenger car models achieved the 15 million milestones in January 2020.Its Prius family is the world's top-selling hybrid nameplate with over 6 million units sold worldwide as of January 2017.

BRRI Data Hub Services enable remote collection of diagnostic data from TSC/CIT and provide proactive notification to relevant parties regarding general maintenance, malfunction and overall health of vehicle, It also provide data storage and retrieval of remote customization setting for a vehicle.

The BRRI Data Hub will store and process vehicle diagnostics data. The Hub will be the central repository for Diagnostic data, Subscription preferences & distinct personalized settings

BRRI Data hub includes 28 Interfaces and services

* 7 Vehicle Facing Inbound Services
* 6 Application Facing Inbound Services
* 1 Vehicle Facing Outbound services
* 14 Application Facing Outbound Services
* Vehicle Data Services
* Application Data Services
* Vehicle Notification Services
* Vehicle Request Services
* Application Notification Service
* Application Query Services
* Application Request Services

**Responsibilities:**

* Design and Build enterprise-grade batch and real-time data processing pipelines leveraging the AWS cloud platform, with an emphasis on serverless architecture.
* Actively engages in product and business discussions with a technical eye for feasibility and adherence to overall roadmaps and architectural strategy.
* Extensive design and development of high-volume web services using API Protocols, streaming, service orchestration.
* Design the messaging framework with message brokers technologies like Kafka which will be used by other programmers for bulk Transaction processing and Email communication between microservices.
* Take ownership for the design, development, maintenance, testing strategy, and operations of API services written primarily in Java & NodeJS.
* Development of complex applications on the AWS serverless platform with queuing systems such as Apache Flink and Kinesis Data Stream, Lambda functions, API Gateway, S3, SQL (Aurora DB) and NoSQL (Dynamo DB) databases hosted in AWS.
* Node Js broadly used for event driven model as consumption of event and asynchronous communications, storage to S3,Dynamo DB, Glacier, notification to SQS, step functions, event processing with Apache Flink and kinesis , file processing etc.
* Securing & modelling the APIs using Oauth, YAML & Swagger.
* Building cloud provisioning and infrastructure management tools and systems in an Agile DevOps model with continuous integration and deployment using Jira, Gitlab & Terraform.
* OneApp with Angular 8 and worked on FE to integrate with Microservice.
* Creating, Configuring, Monitoring, Scheduling and troubleshooting events using AWS CloudWatch.
* Participate in code reviews and help maintain high standards of code quality.

**Environment:** Spring Boot, Spring MVC, Angular 8, Microservices, CI/CD, Git Hub, Maven, Agile, Node Js, Rest Webservices, SOAP services, Docker, Kubernetes, Apache Kafka, Dynamo DB, Postgres sql, JPA, Hibernate, AWS serverless lambda functions, S3 Storage, API Gateway, Apache Flink, Kinesis Data Stream, SNS, SQS, Step functions, RDS, Terraform, Cloud formation, SAM Template, Mongo DB.

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***Client: Toyota Motors***

***North America, Plano***

***Texas***

Sr. SOFTWARE ENGINEER

***Jun '20 2020-Jul 2022***

**LCFS/TRMA Trading Risk Assessment Program (Backend developer – AWS cloud services like Lambda, Api gateway, Batch, RDS, S3, Apache Flink, Kinesis, Event Driven design with Docker ,Kubernetes and DynamoDB)**

Toyota Motor Corporation is a Japanese multinational automotive manufacturer headquartered in Toyota, Aichi, Japan. In 2017, Toyota's corporate structure consisted of 364,445 employees worldwide and, as of December 2019, was the tenth-largest company in the world by revenue.

Toyota is the global market leader in sales of hybrid electric vehicles, and one of the largest companies to encourage the mass-market adoption of hybrid vehicles across the globe. Toyota is also a market leader in hydrogen fuel-cell vehicles. Cumulative global sales of Toyota and Lexus hybrid passenger car models achieved the 15 million milestones in January 2020.Its Prius family is the world's top-selling hybrid nameplate with over 6 million units sold worldwide as of January 2017.

A low-carbon fuel standard (LCFS) is a rule enacted to reduce carbon intensity in transportation fuels as compared to conventional petroleum fuels, such as gasoline and diesel. The most common low-carbon fuels are alternative fuels and cleaner fossil fuels, such as natural gas (CNG and LPG). The main purpose of a low-carbon fuel standard is to decrease carbon dioxide emissions associated with vehicles powered by various types of internal combustion engines while also considering the entire life cycle ("well to wheels"), in order to reduce the carbon footprint of transportation.

 The company regularly measures its Trading risk assets (TRA)—the maximum expected loss on a consolidated basis—and endeavors to ensure that risk assets are balanced by the risk buffer (RB), which is the company's financial corporate strength. RA are calculated by multiplying the risk asset principle based on each account on the balance sheet by the risk weight (RW) indicated by the maximum expected loss ratio, while the RB is defined and calculated as the corporate group's total financial corporate strength

**Responsibilities:**

* Design and Build enterprise-grade batch and real-time data processing pipelines leveraging the AWS cloud platform, with an emphasis on serverless architecture.
* Actively engages in product and business discussions with a technical eye for feasibility and adherence to overall roadmaps and architectural strategy.
* Extensive design and development of high-volume web services using API Protocols, streaming, service orchestration using Apache Flink as Event processing Engine and Kinesis Data stream..
* Designed Reporting system to monitor health and Trading Risk analysis which cover risk assets(RA) and risk buffer(RB) for monthly and quarterly matix.
* Worked for Hybrid Puls project as shared resource where Design the messaging framework with message brokers technologies like Apache Kafka with Amazon MSK which will be used by other programmers for bulk Transaction processing and Email communication between microservices.
* Leverage the design for deploy and container management with Docker and Container orchestration Kubernetes.
* Take ownership for the design, development, maintenance, testing strategy, and operations of API services written primarily in Java & NodeJS.
* Development of complex applications on the AWS serverless platform with queuing systems such as Apache Kafka with Kubernetes, Docker, Lambda functions, API Gateway, S3, SQL (Aurora DB) and NoSQL (Dynamo DB) databases hosted in AWS.
* Node Js broadly used for event driven model as consumption of event and asynchronous communications, storage to S3, Dynamo DB, Glacier, notification to SQS, step functions, event processing with kinesis, file processing etc.
* Securing & modelling the APIs using Oauth, YAML & Swagger.
* Building cloud provisioning and infrastructure management tools and systems in an Agile DevOps model with continuous integration and deployment using Jira, Gitlab & Terraform.
* Creating, Configuring, Monitoring, Scheduling and troubleshooting events using AWS Cloudwatch.
* Participate in code reviews and help maintain high standards of code quality.

**Environment:** Spring Boot, Spring MVC, Microservices, CI/CD, Git Hub, Maven, Agile, Node Js, Rest Webservices, Apache Kafka, Kubernetes, Docker, Dynamo DB, Postgres sql, JPA, Hibernate, AWS serverless lambda functions, S3 Storage, SQS ,SNS , EC2, Apache Flink, Kinesis Data Stream, Docker, RDS, Terraform, Cloud formation, SAM Template, AWS Step functions, Mongo DB.

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***Client: T-Mobile***

***12920 SE 38TH ST***

***Bellevue, WA , 98006 (USA)***

Sr. SOFTWARE ENGINEER

***Nov '19 2018-Jun 2020***

**Project: UCC (**UNIFIED COMMUNICATIONS & COLLABORATION**)**

UCC is a Category with Multiple Product Lines and Multiple Segments for TFB. It’s a new business line for TFB (new skills, new ways of working, new systems, new processes required). Brings together traditional telephony systems and a scalable digital collaboration experience to solve customer pain points around communication and collaboration

We have been set certain goal for proposed system like-

* + Single-Sign On
  + Federated login using G-Suite & O365
  + User Management:
    - Create, Read, Update, Delete Users (Company Admin Users)
    - Create, Read, Update, Delete Users (Company Employees)
    - Support CSV Upload of Users
  + Seat Management:
    - Assign/Unassign Seat
    - View Used/Total Seats
  + Line Management:
    - Assign/Unassign Line (UCC GSM / UCC T&T)
  + Feature License Management (e.g. Message Archiving):
    - Assign/Unassign feature licenses (e.g. Archiving)
  + Customer facing Usage Dashboard
  + Care accessible

**Responsibilities:**

* Worked in agile framework as an individual contributor Responsibilities include - Interaction with Business team in story grooming, reviewing story/acceptance criteria.
* Work with backend point of contacts for analyzing and preparing Technical specification and leverage existing capability.
* Interact with business analysts (BAs) and Architect to prepare HLD for sprint stories.
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Implemented AWS Products such as Amazon EC for Redis, open stack container as Amazon Elastic Kubernetes Service (EKS), ELK stack as Elasticsearch, Logstash, Kibana and AWS S3 storage
* Node Js broadly used for event driven model as consumption of event and asynchronous communications, storage to S3,Dynamo DB, Glacier, notification to SQS, step functions, event processing with kinesis , file processing etc.
* Implemented Kibana for log and time-series analytics, application monitoring, and operational intelligence use cases
* Design various independent microservices and establish choreography and orchestration between them.
* Design the messaging framework with message brokers technologies like technologies like Apache Kafka with Amazon MSK which will be used by other programmers for bulk Transaction processing and Email communication between microservices.
* Used various microservice design patterns API Gateway, Server-side discovery, Circuit Breaker, multi service per host and Observability pattern for solving common problems in development life cycle.
* Implemented AWS virtual service to facilitate continuous development even through downstream system goes down.
* Actively involve in UI (Angular)with Backend API Integration.
* Used spring config server for centralized configuration and Splunk for centralized logging.
* Used CI/CD pipeline of Jenkins, Docker, Netflix Oss engine, Kubernetes for Microservices build and deployment
* Developed story/task by following TDD/BDD and Pair programming concepts. Providing daily status in scrum meetings with the client. Mentored new team members on effective usage of blend of Spring Boot /JPA, AOP and Security.
* Implemented APIGEE as api gateway and Oauth 2.0 as Spring security.
* Develop and assist in development of independent microservices for various contexts using the latest up to date technologies.
* Modify existing piece of software to upgrade it to latest technologies.
* Create algorithms and flow charts for enabling programmers to write code required for fulfilling the requirement.
* Create sample applications with custom architecture and frameworks as a reference for other programmers.
* Closely work with release management team to move the code in production environment.
* Perform sanity testing across entire application once the system/application is deployed on production environment.
* Perform Field Operational Testing and connectivity testing post production deployment of release.
* Monitor applications in production environments and provide real time support for analyzing and troubleshooting issues.

**Environment:** Java 1.8,Spring 4.3.7, Spring Boot 1.5.2,Microservices ,Pivotal Gemfire 9.0.3, Apache Cassandra No SQL Database, RabbitMQ, DEEP.IO, Soap UI, Restful Webservice, Postman Client, Angular Js, Node.Js,Log4j 1.4, Ant, STS 3.8.4(Spring Tool Suite), SVN, JIRA, Jenkins. Agile Methodology Rally, Kubernetes, Marathon, docker, Apache Kafka, PCF(Pivotal Cloud Foundry), AWS Cloud.

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***Client: T-Mobile***

***12920 SE 38TH ST***

***Bellevue, WA , 98006 (USA)***

Sr. SOFTWARE ENGINEER

***April '30 2018-Nov’10 2018***

**Project: CDES (**COLLECTION DECISION ENGINE SYTSTEM)

**CDES** is an application takes BANS as a Duedate or Postcall message and decides what Collections treatment they should be on if there is a balance due after their duedate. This runs off the EOD map as batch process. Once the a customer is in a collection path, there is no ability to accelerate or alter the treatment today. This project is focused on enabling the customer risk assessment more frequently once they have been assigned to collection path. CDES is collection decision engine used by T-mobile for collections for missing payments. CDES processes about 3M bans daily in about 4hrs.

**Responsibilities:**

* Maintaining the business standards in EJB and deployed them in weblogic application server and Implementing functionalities using core Java and J2EE.
* worked on the swagger elements to generate models classes using spring framework.
* worked on various environments like PLAB, ZLAB,QLAB,PRE-PROD during collection run.
* worked with various like teams like samson(Amdocs) ,deep and Triad(fico).
* used SQL loader to the data during offline processing generating intermediate xml and dat files and developed the data access layer components as entity Beans based on EJB API.
* Worked with core java technologies like Multi-Threading and Synchronization.
* Using the JMS API for consuming and sending messages between systems through queues.
* CDES application uses JMS queues for communication between the billing system and CDES and used JMS topics for internal communication.
* Used messaging framework with message brokers technologies like Active Mq for bulk Transaction processing , Samsung Events and Email communication between microservices.
* Used the EJB calls to call the TRIAD application and worked on the logic for converting the JSON to xml messages.
* worked on the state machine logic(Application works in the form state machine logic) and worked on various exception handling mechanisms and implemented the retry logic for the application.
* Reviewing and discussing technical specifications with the team and Analyze defects in production environment and provide necessary fixes. Did Root Cause Analysis on production tickets and fixed those defects as part of release and Analysis of Change Requests
* Used Rally for bug tracking and responsible for resolving these defects assigned on time and update their status on regular basis.
* Used Bitbucket as Repository and Git bash as version control system for source code and project documents, bug fixing.
* Used Log4J for tracking the logs for errors, warnings and info.
* Monitored the database (data tables and error tables),WebLogic error log files and application error log files to track and fix bugs. Writing Splunk Queries, Expertise in searching, monitoring, analyzing and visualizing Splunk logs.
* Oracle SQL Developer is used for querying and Oracle 12g is used as the database.
* Jmeter Tool for performance testing and to send the bulk payloads and Wrote unit test cases for testing business functionality.
* Used DEEP.IO framework in the application to consume the payloads sent by Samson through Rabbit mq.
* DEEP.io can transfer data between event producers (SAMSON)and event consumers (CDES).messaging framework to communicate data through events.

**Environment:** DEEP.IO framework, SWAGGER, Weblogic server, winscp, putty, JMS, Tibco EMS, Oracle12g, SQL Developer, JSON, XML,Log4j, Jmeter, Spring framework ,Splunk Web Framework, Junit, Git, Eclipse, Spring Tool Suite, Rabbit mq, Apache Active Mq, Bitbucket.

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***Client: T-Mobile***

***12920 SE 38TH ST***

***Bellevue, WA , 98006 (USA)***

SOFTWARE DEVELOPERS, SYSTEMS SOFTWARE

***April '17 2017 – April ’22 2018***

**Project: TMO\_RIS (**T-MOBILE - RETAIL INVENTORY SERIALIZATION**)**

**TMO\_RIS** (T-MOBILE - Retail Inventory Serialization)

Retail Inventory Serialization is part of the broader concept of Device Serialization to enable inventory tracking throughout the Device lifecycle management. The capability is to enable store personnel with real time tracking of Inventory quantity, Inventory location, Inventory state and device lifecycle events. Enable real time Inventory visibility (at an individual serial number) of Devices and Accessories across the T-Mobile Stores.

We have been set certain goal for proposed system like-

* + Reduce Shrinkage and Write offs
  + Enable Integrated Inventory Visibility across all stores
  + Foundation for Omni capabilities
  + Provide Better Process Control & Compliances
  + Deliver Improved Customer & User Experience
  + Drive better accountability and inventory planning.

**Responsibilities:** The scopes of the job duties are as below:

* Requirements collection for minor enhancements, understanding UI requirements & detailed analysis, study T-Mobile frame work & libraries, analyzing the existing system and planning for design, preparation of technical design document, development activities and relevant types of tests and test deliverables that includes functional, regression, system and user acceptance.
* Using Micro-service application to manage Store level and Overall T-Mobile inventory to reduce the operation costs.
* Developing Java micro-services to enable the data flow from various front-end systems to the cloud using No sql database Cassandra and Gemfire as in-memory caching.
* Developing APIs to consume from different applications to manage the inventory.
* Analyze the requirements of migration projects and use the tool for migrating existing SAP systems.
* Based on the analysis, deliver technical solutions by Developing/ modifying new/ existing requests according to the requirements assigned
* Coordinated of all the aspects of the Project right from Execution to Delivery which includes planning, control, implementation of plans, coordinating, progress and issues, managing the team and ensuring the quality of the deliverables.
* Ensured the integrity of the project from the formative standpoint i.e. scope, implementation methodology, structure, resources, communication
* Preparing and recommending technical alternatives involving technology, methodology, tools, processes and solution components
* Overseeing the smooth execution of the User Acceptance Testing and production deployment of Incentive Compensation Management applications as the Technical Lead.
* Regular interaction with the T-Mobile Operations Technical Managers, System Administration experts, Quality Assurance people during the certification and production release of the project
* Interacting and coordinating with the offshore team for issue resolution.
* Estimate the required effort for project executing. Bring out technologically feasible solutions for the T-Mobile Operations based on tools

**Environment:** Java 1.8,Spring 4.3.7, Spring Boot 1.5.2,Microservices ,Pivotal Gemfire 9.0.3, Apache Cassandra No SQL Database, RabbitMQ, DEEP.IO, Soap UI, Restful Webservice, Postman Client, Angular Js, Log4j 1.4, Ant, STS 3.8.4(Spring Tool Suite), SVN, JIRA, Jenkins. Agile Methodology Rally, PCF(Pivotal Cloud Foundry).

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***Client: Mazda Motor Company***

***Tech Mahindra Ltd***

***Irvine , CA , 92618 (USA)***

*Technical Lead*

***Dec '16 – April ’17***

**Project: FICM (**FUSION INCENTIVE COMPENSATION MANAGEMENT**)**

Mazda currently uses Siebel ICM application to manage incentive calculations and Mazda built many customs application around Siebel ICM to support the overall ICM business needs. Now to adopt the changes in the market Mazda decided to bring the new middle ware suit Oracle fusion in place of Siebel as Oracle fusion having great support in terms of web services and SOA implementation

We have been set certain goal for proposed system like-

* + Replace the existing Siebel ICM System(MNAO & MCI) with Oracle Fusion ICM.
  + Replace supporting systems with Oracle/Fusion equivalent.
  + Provide easy to use and error free program entry interface.
  + Update supporting system to accommodate new system.
  + Performance improvement and enhanced reporting capabilities.

**Responsibilities:** The scopes of the job duties are as below:

* Requirements collection for minor enhancements, understanding UI requirements & detailed analysis, study Mazda frame work & libraries, analyzing the existing system and planning for design, preparation of technical design document, development activities and relevant types of tests and test deliverables that includes functional, regression, system, user acceptance
* Analyze the requirements of migration projects and use the tool for migrating existing Mainframe green screens and batch programs to equivalent Java web screens and programs.
* Based on the analysis, he will deliver technical solutions by Developing/ modifying new/ existing requests according to the requirements assigned
* Coordinated of all the aspects of the Project right from Execution to Delivery which includes planning, control, implementation of plans, coordinating, progress and issues, managing the team and ensuring the quality of the deliverables.
* Ensured the integrity of the project from the formative standpoint i.e. scope, implementation methodology, structure, resources, communication
* Preparing and recommending technical alternatives involving technology, methodology, tools, processes and solution components
* Overseeing the smooth execution of the User Acceptance Testing and production deployment of Incentive Compensation Management applications as the Technical Lead.
* Regular interaction with the Mazda North America Operations Technical Managers, System Administration experts, Quality Assurance people during the certification and production release of the project

**Environment:** Java 1.8, Struts 1.3, Spring 3.0,Hibernate 3.0, Web Services(SOAP,Restful), Spring Boot, WebSphere7.0, Ant , Oracle Fusion , Sql Developer, DB Visualizer ,Soap UI, Postman Client, Log4j 1.4, Ant, Eclipse 3.1, SVN, JIRA, Microsoft Visio, Xml, Xslt, Oracle 10g, PL/SQL,DB2 and Linux.

***Client: Ford Motor Company***

***Tech Mahindra Ltd Dec '12 – Nov ’16***

***New Delhi , India***

*Technical Lead*

**Project: ETIS (**ELECTONIC TRACKING INFORMATION SYSTEM**)**

FordEtis (eTIS) is a web based information publishing system for delivering technical repair and training

material. FordEtis provides access to Workshop Manuals, Technical Service Bulletins (TSBs), Field

Service Actions (FSAs), Recalls, Warranty and GOASIS/GSEVIN information.

eTIS is the principle means of delivering the above documents to Ford dealers, fleet markets and

independent operators. In addition, FordEtis is linked with SBD which provides symptom led diagnostics

for vehicles, diagnostic updates and warranty validation.

More information can be found at <http://www.etis.ford.com>.

**Responsibilities:**

* Requirement gathering and analysis from Client.
* Impact analysis of the change and providing an efficient technical solution to meet business

objective.

* Estimation and Planning for deliverables.
* Creating Product Backlog and Iteration plans.
* Conducting Iteration Planning Meeting.
* Creating goals for each Iterations.
* Task Allocation and coordination with the offshore team.
* Coding, Review and Unit Testing of the deliverables.
* Involved in Implementation of Middleware framework using Hibernate and Spring Framework

for prototype development.

* Implemented Spring with Hibernate and Spring AOP for declarative transactions using spring

proxy Beans for prototype development.

* Conducting Iteration Review and Retrospection Meeting.
* Preparing Weekly Status Report and sending it to the Ford management and Business.
* Code Deployment.
* User Acceptance Testing and End to End Support
* Manage build release with Jenkins 3.1(Continuous integration tool ).
* Implement JaCoCo code coverage matrix to validate Junit Test cases along with Jenkins.

**Environment:** Java 1.7, Struts 1.3, Spring 3.0,Hibernate 3.0, Web Services(SOAP,Restful), WebSphere7.0, Ant , Oracle Fusion , Sql Developer, Soap UI, Postman Client, Log4j 1.4, Ant, RSA 8.0, SVN, JIRA, Microsoft Visio, Xml, Xslt, Oracle 10g, PL/SQL,DB2, Linux , JaCoCo , Jenkins .

***Client: Honda Motor India***

***Tech Mahindra Ltd******Jan '12 – Oct ’12***

***Noida, India***

*Senior Software Engineer*

**Project: HSCP (**HONDA SUPPLIER COLLOBORATION PORTAL**)**

This application is developed for Honda Seil Car India Ltd. This is portal project for Honda associate and Honda Part supplier.

**Responsibilities**

* Coding of Action classes, implements DAO with ORM Component.
* Analysis the bug & error and fixed & solve these. Testing and Deployment the application web sphere
* Maintaining the application and Gathering the client new requirement (CR) and work with this CR
* Support oracle related to server (backup, restore db, filter logs, health of db etc.)
* developing the new phase Testing and Deployment the application web sphere
* Support IBM WebSphere Application Server Administrator (troubleshooting, System Administration, Server, Application, Resources, Environment & Security
* Handling the issues of front-end and apply proper validation.

**Environment:** RAD 8.0, Struts 1.2,Spring 2.5,Hibernate 3.0,Web Services, WebSphere7.0, Oracle 10g.

***Client: DIT***

***Tech Mahindra Ltd Jun'11 – Jan’12***

***New Delhi , India***

*Senior Software Engineer*.

**Project: DGMS (**DIRECTORATE GENERAL OF MEDICAL SERVICES**)**

DGMS(Directorate General Of medical Services) application is web application .This automation help adopting more effective methodology of tracking and executing process through software application rather than working on manual and paper. DGMS application is integrated of several main module Like Med1-1 to Med-7.Med-1 deals with HR Management Of officers , Dental Officers, Office of the nursing service posted to AF units..

**Responsibilities:**

* Coding of Action classes, implements DAO with ORM Component.
* Testing and Deployment the application web sphere
* Handling the issues of front-end and apply proper validation.

**Environment:** Java1.6, Web Logic Application Server, Oracle10g, Ejb 2.0, Struts 1.2, RAD..

***Client: DIT***

***Tech Mahindra Ltd April'11 – Jun’11***

*New Delhi , India*

*Senior Software Engineer.*

**Project: AFSEM (**AIR FORCE SYSTEM ERROR MANAGEMENT**)**

All the unreported and unsafe activities/incidents/occurrence at various operation stations/Wings are to be recorded and monitored. These activities are further analyzed as per their category ,type and individual score for each category. Overall grading of each activities is calculated. Based on the grading , the severity level of the activity is decided and accordingly the preventive measures are instructed to the concerned. Over a period of time. data bank gets build up and will be available to all the Stations/Wings , so that everybody can refer to the measures those already published on site.Every Erro after lodged by anybody from Station/Wings , are recorded and analyzed by J DAS of Air HQ (RKP). Needful instructions and preventive measures for each error are published on –line after analyzing process is completed by J DAS.

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**Responsibilities:**

* Interacted with the clients to gather & analyze business requirements of the various modules of the project.
* Extensively involved in the design, coding, deployment and maintenance of the project.
* Implementation of View and Controller components with Struts Frame Work, Model components with EJBs.
* Written ant build.xml files for ear and war files generation.
* Participated in H L D designing.
* Coding of Action classes, implements AOP with ORM Component.
* Handling the issues of front-end and apply proper validation.
* Worked onsite at the client place involved in the UAT Build, Configuration, Deployment and Integration.

**Environment:** Java, J2EE, RAD 8.0, Struts 1.2, Hibernate3.0 ,WebSphere7.0, Oracle 10g log4j, Ant, Eclipse.

***Client: NIC***

***CyberQ consulting Pvt Ltd*** ***Oct '09 – Sep ’10***

***New Delhi , India***

*Software Engineer*

**Project: APIS(**Airline Passenger Information system**)**

The system provides interface to accepting the file from various airelines through the SITA Network and filter all the files on the basis of US and Un format and process the file to create the CFB required file format on the basis of completeness of block sending in a file and keep the passenger details as an apis file.This system send acknowledgment to the SITA Network in case of success and failure. E card module take place on the basis of APIS report and process other Functions.

**Responsibilities:**

* Involved in development of Java, JSP, Servlets components development and deployment.
* Designed and developed Data Access Objects (DAO) to access the database. Used DAO Factory and Value object design patterns to organize and integrate the Java objects.
* Participated in H L D designing.
* Coding of Action Classes and Ejb Components(SessionBean,MDB),Jsp.
* Handling the issues of front-end and apply proper validation
* Maintained the application Configuration and Environmental information in various properties file.
* Involved in front end validations using JavaScript.
* Applied styles to HTML pages using external Style Sheets (CSS) files.
* Performed unit testing, system testing and integration testing.
* Involved in building and deployment of application in Linux environment

**Environment:** Java1.5, J2EE, My Eclipse 5.1, Struts 1.2, , EJB 2.1, JMS, WebLogic 9.2, Oracle 9i/10g., log4j, Ant,Linux, JavaScript, HTML, CSS.

***Client: NIC***

***IAP Co Ltd April '07 – Sep’09***

***New Delhi , India***

*Software Engineer*

**Project: IMIGRATION CONTROL SYSTEM**

The system provides interface for immigration check of the passenger on the basis of CBI reports, Loc cases, Lop cases, and fingerprints. The System is used at airport to provide information about foreign and domestic tourists besides regulating their movement. It controls the movement of illegal immigrants. It is also used to add Look Out Circulars cases against criminals, terrorist with their Pictures in database. It authorizes the traveler immigration and detects the forged passports. There are some other confidential issues with this project.

**Responsibilities:**

* Involved in the design, coding, deployment and maintenance of the project.
* Involved in design and implementation of web tier using Servlets and JSP.
* Performed client side validations using Java Script.
* Participated in H L D designing.
* Coding of Action classes, implements IOC and AOP with ORM Component.
* Coding of JMS and EJB Component (JMS,MDB).
* Handling the issues of front-end and apply proper validation.
* Participate in device integration Scanner, Camera.
* Involved in maintenance of the project.

**Environment:** My Eclipse 5.1, Struts 1.2, JMS, Spring2.5, Hibernate 3.0 ,WebLogic 9.2,Tomcat 6.0, Oracle 9i/10g.

## Educational Qualification:

* **MCA (Master of Computer Application)** in Jun 2005.
* **BSC (Bachelor of Science)** in April 2000