**Chandan Pattanayak**

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**SUMMARY:**

* 12 years of IT experience in Analysis, Design, Development, Maintenance and Deployment which focuses below areas

**A.Java/J2ee stack**

* Experience in implementing Web Services using SOAP, REST and XML/HTTP technologies using java
* Experienced with j2EE frameworks like Struts,JSF,RichFaces,Spring-MVC,SpringBoot,SpringBatch,JPA,Hibernet
* Exposure to java profiling tools like JProfiler

**B.UI Frameworks**

* Exposure to java UI frameworks such as EXTJS/Jquery
* Strong knowledge on Angular4 and its stacks such as angular metrials,flexlayouts

**C.Search/Nosql technologies**

* Extensive experience in Eleasticsearch index shard,setting,mapping,query optimization and setting up relevancy for elastic search queries
* Strong knowledge on MongoDB

**D. Container and Micro service**

* Exposure to java micro service development using springBoot ,springCloud ,spring cloud data flow,Docker ,kubernetics
* Exposure on deploying java microservices on PCF (Pivotal cloud foundary)
* Experience in publishing imaged Docker repos such as dockerHub,jfrog,quaio
* Exposure to deploying, scaling and load balancing micro services using AWS ECS,ELB
* Automate cloud deployment using Ansible
* Exposure to java deployment on containers like tomcat,jetty,jboss,WAS,weblogic
* Exposure to Async communication between containers using RabbitMq/Apache camel
* Knowledge on ELK for log management
* Knowledge on monitoring tools like Negio

**E.Cloud Computing and Devops**

* Exposure to AWS stack such as VPC,ELB,RDS,VPC,EC2
* Exposure on PCF (pivotal cloud foundry)
* Exposure to provisioning above AWS stacks using Ansible play book and dynamic inventory
* Exposure to CI/CD pipeline automation using Jenkin,Git/Bitbucket,Ansible
* Exposure to java micro service deployment to AWS ECS using Ansible playbooks
* Strong knowledge of Chef configuration management tool
* Strong knowledge on kubernetes concepts such as pod,deployment,replicaset,services etc
* Good analytical and verbal communication skills and good team player.
* Exposure to functional domain like SupplyChain,Ecommerce,Telecome

**WORK EXPERIENCE DETAILS**

**DELLEMC April 2018 to Till date**

**Designation:** Principal Software Engineer

**Projects:** KOA engineering platform

**Description:**

**KOA engineering platform is** a distributed Ecommerce unit which work with refactoring dell.com to microservice approach

**Environment**:

PCF(pivotalcloudfoundry),springcloud dataflow,springBoot,Intelij,Kubernetics,Neo4j,RabbitMQ,NodeJs,python

**Solution Worked**

* Optimize rule evaluation logic in Product creation flow of Dell.com using graphical Neo4j
* PCF application monitoring and alerting tool
* Part of refactoring pricing engine of Dell.com

**Responsibility**:

* Take part in inception to understand existing dataflow and find out place for optimization
* Evaluate technical stack required to address the issue
* Involve in coding micro service in java(SpringBoot,SpringCloud),Pythone,NodeJs in TDD manner
* Streaming flow creation using RabbitMQ,SpringCloud dataflow
* CI/CD pipeline creation using Gitlab and PCF

**Manhattan Associates March 2011 to April 2018**

**Designation:** Principal Software Engineer

**Projects:** OMNI order Management Platform, Global Bay Mobile Retailing platform,TLM platform

**Description:**

**OMNI order Management Platform is** a distributed Ecommerce Retail Order management platform where store associate manage customer order which facilates view customer’s history, product details such as pricing,avalibility place order and send inventory detail accept customer payment details etc. This platform developed using cloud Microservice

**Environment**: STS,SpringBoot,SpringBatch,Eureca,AWS,Hystrics,RxJava,Fing,Zool,MySql,ElasicSearch,Apache Camel, Rabbit Mq,Gradle,Git,Junit,Mockito,AWS,Jmeter

**Responsibility**:

Architect various search services used in OMNI platform using ElasticSearch,SpringBoot

.SpringBatch,RabbitMQ.Which include Elastic Search schema Setting/Mapping creation

For different index entity,Incrimental indexing using RabbitMQ,Bulk indexing using Spring Batch

Exposing search services as Rest services which is used in UI/UX applications, Creating Jmeter

Scripts for the rest services to measure the performance of the rest services, Creating code coverage scripts using Junit and Mockito

Designed Pricing Microservices which manage product pricing based on SpringBoot,MySql,

Hystrics,FingClient,RXjava

Designed ShiippingCharge Microservice which will automate Shipping charge calculation on

Different shipping items

Designed Customer Microservice which manage the registered retail store customers details such as their Deliver address payment card details Email phone etc which is used by other services

Mentoring junior team members technically to achieve spring deliverable.Participate in Sprint

Story design, planning and estimation.

Showcase new services to stakeholder and modify services depending on input

**Global Bay Mobile Retailing platform** is a IOS based Tablet retailing application which provide capability to retail store associates to demonstrate customer related to product,help them to place order which is also integrated with cashdraw,sleds to accept payment trough cash,card by payment engine which is integrated with different payment engine such as Visa,MasterCard,Paypal etc

**Environment:**

Jetty,Strips,Spring,SpringSequrity, Springs,hibernet,Jquery,Bootstrap,hibernet,maven

**Responsibility:**

Play important role to migrate the application which is on MSSQLServer to Oracle

Designed Retail reporting application based on jquery,Bootstrap.js,java,MongoDB

Worked on production bug giving appropriate solutions

**TLM platform** automate retailers transport management system to provide optimize shipments

**Environment:** Struts,EJB,JSF,RichFaces,hibernet,JMS,Oracle,Ant.Spring MVC,TestNG

**Responsibility:**

Play SME role for Invoicing,claim,detention module to enhance invoicing features,production issues,and migration of old platform which is on jsf to EXTJs

Worked on production PE related issues and identify root causes by heapDump,threadDump

analysis

worked on database deadlocks and query slowness and provided appropriate solution

Designed Rail mode support module to facilate Rail transport mode in the application using Extjs,jersy and hibernate

Designed custom tag library for UI operations

**Capgemini Consulting service July 2008 to March 2011**

**Designation:** Senior Consultant

**Projects:** Telecom Order Management System,ODS DataMigration

**Description:**

**Telecom Order Management System** is a telecom order management/billing system designed for Frontier communication it facilate to design different kind of telecom circuit like trunk circuit ,dedicate line etc and manage the billing operation

**Environment:**  struts1.1,hibernet,Metasolve,weblogic,JMS,Oracle PL/SQL

**Responsibility:**

UI application development using struts1.1 and hibernate using various design patterns

DAO layer development and writing different store procedure for business scenarios

Creating Different Message driven Bean for different business purpose

Designed Triggers for audit purpose

Developed AXIS based web service for different circuits

**ODS Data Migration** as part of this project 700 java application is migrated from one oracle environment to other oracle environment

**Environment:**  struts1.1,hibernet,jsp,servlet,tomcat,Oracle,plsql

**Responsibility:**

Identify DB object associated to the application such as table,View,Store procedure etc

Extract respective associated DDL script and prepare unix job to recreate in the new database

Changes connection pools associated to the application.

Fixes bug reported by user in migrated application

**IBM Global Services Jan 2006 to July 2008**

**Designation:** Application Programmer

**Project:** GIOM-AVPN (AT&T Virtual Private Network)

**Description:**

The Global Integrated Order Manager (GIOM) is intended to provide a common user portal to AT&T Business Services’ service-specific ordering infrastructures (Data/IP, Voice, Local Voice) to facilitate customer-concentric ordering of both standalone and bundled services.

IOM will provide:

Customer-centric access to information (accounts, service inventory, common customer profile data) across Data/Voice/Local service domains.

Customer-centric portal to service delivery domains that leverage ABS’ target ordering platforms (USRP-Data/IP, OT/USM - Dedicated LD Voice, LIFE-Local Voice).

Customer-centric service delivery experience which includes status reporting and coordinated order closeout (deliver) across service domains.

Global Integrated Order Manager (GIOM) is developed on MVC, Factory, Singleton and Builder design Patterns.

**Environment:**jsp,servlet,webservices(using Axis),Oracle,PL/SQL

**Responsibilities**

•Analyzing Requirement & participating in the requirement calls, and baselining the requirements

•Use of JavaScript & JSP to design Client display logic and View.Writing UT/IT Testcases.

•Modeling the new classes.

•Involves coding and testing in construction phase

•Have worked on development and integration of all the applications in the project

•Developed modules related to web services.

•Used Ant scripts to build and deploy in Application Server.

•Writing JDBC API.

•Writing UNIX Script to deploy.

•Coordinating team members working concurrently on modules by providing specific guidelines to minimize interdependency.Environment

**EDUCATION**

B.E in Electronic and telecommunication from Utkal University , Odisha.