**Chandan Pattanayak**

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**SUMMARY:**

* 15years of IT experience in Analysis, Design, Development, Maintenance and Deployment which focuses below areas
1. **Search/NoSQL technologies**
* Extensive experience in Elasticsearch, index shard, setting, mapping, query optimization and setting up relevancy for elastic search queries
* Knowledge on MongoDB, Neo4j,
1. **Container Micro service and Server less**
* Exposure to 12 factor app development using Spring, Netflix, c#, Flask and Golang(knowledge)
* Eventing/CQRS/Saga application development using Axon, Spring Cloud dataflow,Nservicebus
* Exposure on deploying java, .Net Core,Flask,golang on PCF (Pivotal cloud foundary)
* Exposure to deploying, scaling and load balancing micro services using AWS ECS, ELB
* Knowledge on ELK for log management
* Knowledge on monitoring tools like Negio
1. **Cloud Computing and Devops**
* Exposure to CI/CD pipeline development using Jenkin, Bitbucket and GitLab, Cloudfoundary
* Experience in Kubernetes ,Promethious,Graphana
* Good analytical and verbal communication skills and good team player.
* Exposure to functional domain like Supply Chain, Ecommerce, Telecom.

**WORK EXPERIENCE DETAILS**

**DELLEMC April 2018 to till date**

**Designation:** Principal Software Engineer

**Projects:** Future state Commerce Platform

**Description:**

**Future State Commerce platform is** a distributed Ecommerce unit which work with refactoring dell.com to microservice approach.

**Environment**:

PCF (pivotalcloudfoundry), Spring Cloud, dataflow,SpringBoot,Intelij,Kubernetics,Neo4j,RabbitMQ,

Node Js, 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 remodelling pricing and promotion engine as a common platform

**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 (Spring Boot, Spring Cloud), Python, NodeJS in TDD manner
* Streaming flow creation using RabbitMQ, Spring Cloud 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 manages customer order which facilitates view customer’s history, product details such as pricing, availability 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,ElasticSearch,ApacheCamel, Rabbit Mq,Gradle,Git,Junit,Mockito,AWS,Jmeter

**Responsibility:**

* Architect various search services used in OMNI platform using Elastic Search, Spring Boot, Spring Batch, RabbitMQ which include Elastic Search schema Setting/Mapping creation for different index entity, Incremental 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 Spring Boot, MySQL, Hystrics, FingClient, RXjava
* Designed Shipping Charge 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 cash draw, 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, Spring Security, hibernate, jQuery, Bootstrap, 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, Rich Faces, hibernate, 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 facilitate Rail transport mode in the application using Extjs, jersey 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 Data Migration

**Description:**

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

**Environment:**  struts1.1, hibernate, 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 another oracle environment

**Environment:**  struts1.1, hibernate, 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 provides:

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**

* Analysing 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.
* Modelling 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 interdependence Environment

**EDUCATION**

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