ASHWANI KUMAR
Technical Consultant

| Solution Development | Pentaho | Big Data

✉ ashwanikmr@hotmail.com   📱 +91 – 8093869244

Goal oriented professional having over **04 years** of experience in executing projects for clients across various industries

Personal Details

Date of Birth: 07th August 1992
Languages Known: English & Hindi

Profile Summary

○ **Delivery Excellence Professional** with hands-on experience in Enterprise Application Development across diverse industries with experience in Pentaho Business Analytics Suite, Bigdata Hadoop ecosystem, Hortonworks; **AWS services like API Gateway and S3, PDI for Data migration and processing across** Banking, Education & e-governance sector

○ Hands-on experience in **Pentaho (PDI, PRD, CTOOLS and Analytics) & Map Reduce** programs using **Hadoop ecosystem** for working with Big Data.

○ Strong **project management**, implementation skills that have resulted in repeated success in **working with sizeable, cross-functional, multi-cultural & multi-geographical teams** in the design and launch of leading-edge solutions and best practices

○ Highly skilled in applying **statistical & data mining techniques** using acquired data; Led large-scale business application architecture and design efforts; developed and maintained application architectures for various business functional areas; resolved integration and interface issues between various applications or systems with focus on optimizing application performance and scalability; resolved migration issues which was a product version bug for batches execution

○ Knowledge of Business Intelligence Tool such as Pentaho. Hands on experience in Pentaho 5.6,6.0,6.1,7.0,8.1,8.3,9.0 and Unix (Korn/C shell) scripting

○ Experience in **Java, Python, JavaScript, Sqoop, Hive, Pig, Flume and Java as programming language in building an ETL pipeline which demands Lamda and Kappa architecture, Pentaho Big Data Management & monitoring tools like Oozie, Zookeeper & visualization tools like PRD, CTOOLS & Tableau.**

○ Proficiency with **SQL** and its variation among popular databases like **Oracle 10/11g, MYSQL and others**; Interfaced with **different SQL and NoSQL databases including HBase, PostgreSQL and MongoDB**

○ Proven capabilities in engaging with **clients & management** for evolving change, infusing new ideas, implementing **emerging technologies** for the long run, and taking enterprise system performance & productivity to next level

Career Timeline

| 2016-2019 | Since 2019 |

IT Skills

Technical Domain:	ETL, Bigdata, Business Intelligence/Data warehousing, Cloud Services
Hadoop Ecosystem:	HDFS, Map Reduce, Hive, Sqoop, Oozie, HBase, Flume, Pig, Java, GitHub, CDH 5.15, Hortonworks
Big Data ETL Tool:	Pentaho
ETL Tool:	Pentaho
Relational Database(s):	Oracle 10/11g, MySQL, PostgreSQL
IDE's:	Eclipse
Languages:	SQL, Core Java, Linux shell scripts, JavaScript Python

Skill Set

Analytical   Collaborator   Communicator   Planner   Thinker

Core Competencies

Solution Development

Data Warehousing

Technical Consulting

Stake Holder Management

Executive Level Engagement

Team Management

Organizational Experience

Aug'19 – Present: Hitachi Vantara Pte. Ltd.,Singapore as Solution Architect-IoT & Analytics

Apr'16 – Jul'19: Hitachi Consulting Software Services Ltd.,Pune as Senior Consultant
Role:

- Working with the Pre-Sales team for multiple engagements over Pentaho and demonstrating the tools skillset intiating in the form of PoV development and approaching with multiple solution use cases cross platforms and technologies as per the requirements.
- Working in coordination with the project teams in the Agile methodology providing guidance in implementing solutions at various stages of projects
- Preparing technical presentations & proposals, & perform customer presentations, coding standards, best practices for the team
- Managing huge amount of data using Oracle, MySQL,PostgreSQL, NoSQL
- Executing optimization and performance tuning of mappings, SQL's and HQL's
- Training and guiding a team of 10 members to achieve the desired deliverables
- Conducting weekly meetings for addressing the project related problems
- Providing the KT/Training session for the teams in Organization and at client locations
- Performing Data Modeling and Data Mining using RDBMS (MySql, MSSQL Server, Oracle, MS Access) and NoSQL like (Hadoop and MongoDB), SSIS, SSAS, SSRS
- Developing and maintaining Data Analysis Map Reducing jobs using PDI, Java and Zookeeper.
- Installing and maintaining Tools for Data Warehousing like Hadoop, MongoDB, MySQL, Oracle
- Managing Team to ensure all deliverables are delivered as per agreed timelines
- Conducting in-house training for team members to ensure they are able to deliver quality services
- Directing periodic review meetings with clients and business team to ensure high customer satisfaction
- Contributing in architectural design planning, implemented technology initiatives & organizational integrations, thereby increasing revenue with full accountability of systems development and improving customer satisfaction

Academic Details

- **BE/B.Tech. (Computer Science) from GIFT, Bhubaneshwar (Gandhi Institute For Technology) in 2015**

Annexure

Projects Executed:

Project: SMRT
Client: SMRT
P**eriod:** Sep'19 – Dec'19
Role: Solution Architect-Pentaho
Technology & Tools: Pentaho Data Integration, Crowd Analytics.
Responsibilities:
- Working with the presales team for understanding the requirements from the client and looking over their existing scripts.
- Had proposed with some different Vantara tools for the crowd analytics and integration with Pentaho
- R&D over the development process for the crowd analytics and creating sample use cases with their unstructured sample data.
- Build some internal PDI jobs with the sample ncap files for the data science team for the analysis.

Project: DBS OI PoV
Client: DBS
P**eriod:** Sep'19 – Nov'19
Role: Solution Architect-Pentaho
Technology & Tools: Pentaho Data Integration, Metadata Management.
Responsibilities:
- Working with the presales team for understanding the requirements from the client and looking over their existing scripts.
- Deploying their scripts on the local server for the challenges faced by clients during the process of deployment and fixing them.
- R&D over the development process for the metadata management alternatives which includes the data lineage and data governance while designing the PoV integration with Pentaho.

Project: Certis Cisco PoV
Client: Cisco
P**eriod:** Aug'19 – Aug'19
Role: Solution Architect - Pentaho
Technology & Tools: Pentaho Data Integration, Python.
Responsibilities:
- Working with presales in understanding the business requirements and working with the team in proposing a solution
- Preparing the technical document for the proposed solution and taking ahead with client meetups.
- This included building for the data orchestration with their current system using Pentaho.

At Hitachi Consulting Software Services India Private Limited -
Project: Hitachi-MGRM Pentaho Platform
Client: Hitachi MGRM Net
Period: Dec'18 – Jul'19
Role: Pentaho Developer
Technology & Tools: Pentaho Data Integration, Pentaho Report Designer, Oracle Database, Crystal Reports.
Responsibilities:

- Managing a team of 8 resources which includes 6 Developers and 2 testers and playing the role of SME.
- Research & Development on the existing system and created discovery detailed documents during the Discovery phase of the project.
- Designed Process Adherence documents & detailed study of the whole architecture for the next steps after the discovery phase.
- Developed PRD reports using PDI as per the user requirements.

- Developed ETL for the team as per the data points & requirements.
- Helped in creating complex SQL queries for the team to debug the client code and cross verify the data running in the system as per the development process.
- Provided KT on PDI and PRD to the team and also explained them multiple use cases with respect to the project.
- Appreciated by the manager for handling various roles and achieving the deadlines as promised by the team

Project: HSBC IFRS9 Migration
Client: HSBC
Period: Jun'18 – Sept'18
Role: Solution Developer
Technology & Tools: Pentaho Data Integration, Hive, HDFS, Ambari, YARN, Shell Scripting.
Responsibilities:

- Developed ETL for the shell scripts as per the business use case that has been designed using Pentaho Data Integration.
- Developed a Testing Framework structure for the team where they can store their repositories and execute the batches within the structure.
- Developed Complex HIVE queries for the team and helped them to execute within the batches.
- Debugging for the failure of batches using YARN logs and Pentaho Logs.
- Helped in the development of the new directory structure for the new testing and development environment.
- Provided KT sessions on the GIT structure and also on the Pentaho MapReduce & Metadata injection concepts of Pentaho Data Integration.
- Provided KT sessions on the Hadoop concepts for debugging of batches and configuration within the wrapper scripts.
- **Received a sparkle award for the implementation of the IFRS9 MIGRATION by converting the shell script into Pentaho ETL jobs and creating shell scripts for the batch execution.**

Project: Hitachi-MGRM Pentaho Analytics Enhancement
Client: MGRM Limited
Period: Dec'17 – Mar'18
Role: ETL Developer
Technology & Tools: Pentaho Data Integration, MySQL, MySQL Workbench, Oracle
Responsibilities:

- Developed PoC for implementation of Pentaho Analytics platform in replacement for the existing analytics platform.
- Designed Data Model & Schema for the whole project as per user requirement.
- Developed ETL for the team as per the data points & requirements.
- Helped in creating complex SQL queries for the dashboard team.
- Handled the database and created views for the team as per the data model.
- **Appreciated within the team for handling various roles and achieving the deadlines as promised by the team.**

Project: HSBC Pentaho Enhancement
Client: HSBC
Period: Jul'17 – Nov'17
Role: Pentaho Administrator
Technology & Tools: Pentaho, Ambari, HDFS, YARN, UNIX, Wrapper Scripts
Responsibilities:

- Configured & Installed Pentaho in the clusters and configured the Big Data plugins in various environments.
- Fixed bugs of UAT and production environments either in ETL development or configuration issues.
- Developed a script for the pentaho version which was having a bug of karaf_cache.

- Provided team with the development support at every time
- Provided KT to the teams across HSBC which covers India as well as UK zone on various topics of Pentaho Administration and Development, which also includes production environment bug and it's fix.

- Helped the teams over the big data issues for pentaho which includes queue memory issue, Yarn issue, permission issue, Ambari issue, Database issue, etc.
- Helped various teams in HSBC with several tickets which includes configuration issues, batch processing issues, installation issues, ETL issues, Pentaho issues, Big data issues, etc.
- **Received an appreciation mail from Onshore manager regarding the quality of work,Pentaho knowledge that I delivered within the team and also the way I resolved the client issue in production regarding the karaf_cache concept.**

Project: IoT Garage Door Solution POC
Client: Hitachi Consulting Software Services India Pvt. Ltd
Period: Jul'16 – May'17
Role: Software Developer
Technology & Tools: Python, MySQL, Pentaho
Responsibilities:
- Developed python scripts for the work flow.
- Designed small architecture with several data points.
- Worked in database designing and mapping of data.
- Helped in dashboard designing using CTools.

Project: Water Management Solution PoC
Client: Hitachi Consulting Software Services India Pvt. Ltd.
Period: Aug'16 – Nov'16
Role: Software Developer
Technology & Tools   Informatica 8.6, Unix, Oracle 11g, SQL developer
Responsibilities:

- Worked on R&D over the whole lifecycle of water management.
- Worked in the mockup database designing.
- Worked in table mapping for the overall flow of data.
- Worked in mockup dashboards designing for the respected KPI's.
- Worked upon the document preparation

Project: Connected Factory PoC (**MIRAI**)
Client Hitachi Consulting Software Services India Pvt. Ltd.
Period: Aug'16 – Jun'17
Role: Full Stack Developer
Technology & Tools: UNIX, JavaScript, PostgreSQL, Pentaho, Angular JS, Java.
Responsibilities:

- Worked upon mockup database designing as per the flow and ingesting data into tables using PDI.
- Designed a mobile app using Ionic and Cordova Framework for remote access and monitoring of the flow.
- Worked on the mapping of the dimensions and fact tables for the transactional data using PRD.
- Worked upon Data Modelling and Data Flow Diagram using PRD.
- Worked upon installation and configuration of various application on the VM instance.
- Worked upon UNIX scripting for the disk usage alert in the VM server.
- Worked on scripting for creation of web services for the mobile app developer.

- Worked upon scripting on the queries related to database.
- Helped in creating test cases regarding the dimensions tables
- **Worked in report designing using PRD. Appreciated for developing mobile application in Angular JS and also for achieving all the deadlines when the team was onshore for demo purpose. Fixed all the bugs and made the demo successful by making all the components functional and fixing the issues.**