Fulan Nagar

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Education   2012- 2016

National Institute of Technology Patna, Bihar
Bachelor of Technology in Information Technology, 70%

Professional Summary

- Over 4 Years of experience in implementing and supporting BI & Reporting Systems and IT applications across various technologies and platforms

- Working as a Business Intelligence Developer End to End implementations (ETL, Analytics &Reporting) and handling the Business Users

- Over 1.5 years of experience in implementing BI Reporting applications-IBM Cognos, MS Excel, Data Modelling and Data Warehousing

- Hands on implementation skills database technologies –DB2 & Oracle SQL Developer, IBM Cognos 10.2(Report Studio)

Skills

Technical Knowledge: Data warehouse, ETL Tool DataStage, Reporting tools: Cognos & tableau, MS Excel**,** Python Basic, Core Java, PL/SQL
Software/Tools   : SQLDBX ,Oracle SQL Developer ,Tableau, PyCharm ,MS Office Suite (Word, Excel, Power point) ,WinSCP ,Putty , ALM
                                      Octane project management tool
Systems/Database   : IBM Db2, Oracle11g
Programming   : Python, Unix ,AIX
Scripting   : HTML 5, CSS

Training & Certifications	Organization	Description
Core Java Training	Ducat, Noida	Core Java, collection, Applet
Industrial & Project Training	IBM (Learning and Knowledge)	Cognos BI (Reporting Tool), ETL DataStage basics & DB2
Internal Industrial Training	IBM (Coach me, Big Data University)	Basics Python, ,Big data foundation level 1
HTML5 & CSS3 Fundamentals: Development for Absolute beginner	Microsoft Virtual Academy	It involves basic of creating web pages.
Tableau Analyst Badge	Tableau Software	This Course helped me to create effective visualization, data analysis, tableau, tableau desktop

Work History

Organization: IBM India Pvt Ltd
Designation: Associate System Engineer
Domain: Media & Telecom

Area of working (Technology): DB2, Oracle Sql Developer, DataStage, IBM Cognos, Unix Shell Scripting, Excel, BMC Remedy Tool, ALM Octane, Putty, WinSCP , Load Cursor function
Role: BI Application Developer

Project Responsibilities: Vodafone Idea Pvt Ltd - BI-POSTPAID Application   **Duration:** Oct 2016 Current

- Implemented Complex big **Projects** like EBPP, HYPERIAN REPORT ,TNPS, ROI, COMMERCIAL USAGE PLOICY, INROAM SETTLEMENTS, CASHBACK HANDSET, KRELA CESS, CALL DROP ANALYSIS, MNP, OFA(FR), BAD DEBT, CLMS, RETENTION DASHBOARD2, KANDY,FLD and many different **Demands/PCR** ,**L3 support** ,**Defects** ,**Ad-hoc request** for business purpose.

- Key responsibilities include understanding scope and requirements, data flow diagram of KPI's and converting to detailed designs, developed complex Cognos Reports to meet business need and provided Ad-Hoc analysis based on user requests also.

- Designed and Implemented transformation, Aggregation and validation logics to analyse the appropriate data (**Demand/PCR/Projects**) and provided technical solutions by converting business requirements through Unix shell scripting, DB2 SQL complex queries, Merge Update.

- Performed end to end quality testing including reconciliation between different source systems and BI (CRM, BSCS, EBPP, MADIATION, NSMSDB, UDRDB, CDCDB) and UAT and created low level design documentation like **Blueprint, SSM, SOP, UAT DOCKET, PIR** etc.

- Prepare Staging Tables, Global Temporary tables ,Audit Table ,DDL, DML, DCL Objects by ensuring tables pacing, partitioning, distribution, Indexing, purging policy, data frequency.

- Recommended resolutions ensuring optimal performance at required granularity level and ensured timely execution of deliverables, provides L3 support to operation to resolve user queries .

- Works on BMC REMEDY tools under change management (RFC) process to release client reports successfully to go live.

Project: EBPP (Electronic Bill Presentment and Printing)   **Duration:** Oct 2019 – Mar 2020
- Integrations with the new Billing system, alignment of Bill formats for both brands.
- BI were supposed to be change the pointer from existing EBPP system to Aurion Pro system, where existing reporting includes configuration level changes, data level changes to make same format bill for both brands.
- Redesigned and redeveloped existing BI FR (Financial report) reports to configure new changes and successfully launched the reports.

Project: Kerala Calamity Cess(Kerala Flood Tax)   **Duration:** May 2019 – Sep 2019
- The Kerala State has proposed 1% additional tax over and above SGST/CGST under GST in the form of Flood Cess.
- Implemented logic of 1% additional tax in impacted BI Revenue reporting which will be shown in Idea bill ,coming from BSCS rating system by using shell scripting .

Project: TNPS Integration for Network for Brand Idea   **Duration:** Jan 2019 – Apr 2019
- TNPS (Touchpoint Net Promoter Score) survey methodology to Captures & measures Customers emotions, Identifies Customers behaviour and signs of dissatisfaction, Help addressing Customer issues
- Implemented Sampling Logic: BI Application should pick active subscriber based on daily bases, from that 0.274% (100/365) of total base should be picked up every day for triggering surveys.
- Created Unix SFTP script using variables ,Unix commands according business need to generate Feed file which includes De-dupe logic where MSISDN sent for trigger once should be excluded for next 364 days.
- Maintained SFTP file and DB tables information in AUDIT tables to ensure on time delivery and avoid escalation by applying file/script validation check like time, date, double run ,Failure reason, frequency ,Movement parameter .

Project: Intra Circle Roaming(ICR) Call Drop Analysis   **Duration:** Oct 2018 – Dec 2018
- Business user should be able to query, to extract list of MSISDN/subscribers who have not observed any call drop/network failure in (last 30 days, last 7 days and last 1 day) on Daily frequency.
- Implemented Complex logic for those subscribers who are facing call drops ,using shell script and Merge update statements by storing in Database tables at granularity level by using some aggregation, lookup and joins ,Merge update statements.

Project: In-roam Settlement Idea-Vodafone   **Duration:** Jul 2018 – Sep 2018
- Created configurable dimension for call type, settlement rates and currency exchange rate between Idea and Vodafone
- Identified and corrected the cell site tagging logic in Mediation system(MSC) and loaded in BI application through ETL
- Implemented the Unix shell script for In-Roamer and Out-Roamer subscribers at different granular level like subscriber wise, circle wise for different frequency(daily, monthly) at D-2 by applying some complex calculation, joins, control statement, UNIX variables.

Area of working (Technology): Cognos (10.2.0 Report studio), Framework manager, SQL (Oracle, DB2), Wrapper script, Excel
Role: Application developer at IBM, BI Reporting Tools

Project: **Idea Cellular LTD - Commercial BI – Smart Inventory**   **Duration**: Apr 2018 –Jun 2018
- Liaised with management and development to improve overall access to information.
- Designed and developed Inventory reports for Capex and Opex circle wise to analyse the Inventory Management procedure.
- Creating and publishing packages in Framework Manager, Designed and delivered complex reports.
- Understanding of dimensional modelling of Star Schemas, Snow-Flake Schemas Methodologies, Normalization concepts , Fact tables Dimension tables for building enterprise data warehouses.

Project: ROI (Return on Investment)   **Duration:** Sep 2017 – Mar 2018

- Suggested Solution and designed **BRS, data flow diagram** to implement the logic of revenue and cost calculation over cell site/tower by apportionment of subscriber revenue ,for better future investment over tower and site profitability , Current Idea revenue calculation is based on subscribers.
- To reduce the data volume ,suggested threshold logic over cell site based on subscriber Rental, data, voice usage .
- Implemented logic to calculate site cost, network cost and cell site wise revenue and other KPI's logic using Unix Shell Script.

Project: Commercial Usage Policy   **Duration:** Mar 2017 – Aug 2017

- The aim of this project is to barred those subscribers which are doing commercial use or violating the rules of telecom fair policy.
- Implemented the logic to extract the list of those subscribers from database(Shell script, UNIX) which should be barred and charged against violating the rules of fair policy like Calls to more than 300 unique numbers during any period of 7 consecutive days AND Cumulative duration of incoming calls <15 Mins during any period of 7 consecutive day
- implemented Auto SMS triggering Daily, weekly & Monthly Circle wise D-1 report which needs to be sent, having Subs falling under Commercial Usage Policy & due for barring.

Project: Kandy (VoIP) Idea Voice Over IP   **Duration:** Oct 2016 – Feb 2017

- Implemented the logic for IDEA VoIP ,the affordable alternative for making international calls using your mobile and high-quality international phone service available Make calls from your Computer, on multiple handsets
- Implemented many different KPI's like Aggregate for capturing PreApp data for the VoIP App registered subscribers, Aggregate for capturing subscribers Usage & Pack revenue for VoIP ,pack activation using Shell Scripting by applying complex calculation, staging tables, joins from different sources in BI application
- Aggregated huge volume data with complete impact analysis from BI Warehouse upon facts ,dimension tables at different granularity level.

Leadership and Achievements:

- IBM Manger's Choice Award in 2017 ,2018, 2019 & 2020
- Received a participation certificate of "MS HACKER" and achieved good score in an event conducted by Microsoft at NIT Patna.
- Participated in Cricket event of Annual techno-cultural fest'15 organized at NIT PATNA.
- Participated in "Walk for Nature Walkathon'2019" at IBM Pune and got cash reward.
- Awarded by "Gargi Award" by Rajasthan government for scoring good marks in Xth.

Interest and Activities:

- Dancing, Yoga
- Socializing –Volunteer work, Running

Personal Details:

Date of Birth   : 2nd Sep ,1993
Gender   : Female
Linguistic Abilities: English, Hindi
Address   : Hinjewadi, Pune, PIN -411057
Passport No   : P4668163