**Md Humayun Kabir**

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Summary

* Proficient in database development for multiple relational database management (RDMS) e.g. Oracle, SQL Server, MySQL, Sybase, PostgreSQLs, DB2 etc. Worked with Normalization technologies. HavE basic understanding in NoSQL/Cassandra .
* Proficient in Data Analysis, Database Design and Data Modeling, writing SQL Queries, Dynamic SQL, Query tuning, TKPROF and DB Trace analysis , Cursor, Trigger, Stored Procedures, Package, Functions, Views, User Defined Types,Index, Partition, Synonyms, Collection, Cursor, Ref Cursor, Bulk data purging etc.
* Provide innovative solutions to problems and drive the design/development of components, ETL Oracle, MySQL, SQL Server, PostgreSQLs, SQL, Shell script,Python etc.
* Experienced in data migration for numerous databases. Written PL/SQL scripts for data migration. Worked with Pentaho Data Integration (Kettle) tool and SSIS for ETL, SQLLDR, BCP etc.
* Worked with Oracle Exadata near about two years.
* Hands-on experience working with large volume and complex datasets, batch processing etc.
* Expertise in Shell and Python Scripting . Worked with Pandas, JASON, DB library in Python.
* JOB scheduled through Windows scheduler, Crontab, DBMS JOB, SQL Server Agent etc.
* Resourceful in Telecom BSS operation e.g., Postpaid Billing System, Interconnect System, International Roaming System, Mediation, Provisioning etc. Have hands on work experienced with postpaid billing system TABS (Telecom Advanced Billing Solution) 6.0, TABS 7.0, BSCS 6.0, VNU etc. and have adequate postpaid billing migration experience for multiple billing systems.
* Have expertise in Revenue Assurance and Fraud Management System for Telecom Operator.
* Expertise in Microsoft .NET Framework (3.0,3.5, 4.0, 4.5), ASP.NET, C#, VB 6.0, Cake PhP, Oracle, MS SQL Server and development, consuming and manipulating data using ADO.NET.
* Developed applications from scratch with in team env., worked with multiple projects and developed core functionalities involved in complete Life Cycle including Analysis, Design, Development and Testing.
* Ability to work on Agile Scrum Methodology to meet timelines with quality deliverables.
* Worked with Jira for project maintenance and daily worklog entry with the in Sprint.
* Performed multiple system integration and UAT. Prepared UAT document with outcome.
* Experience in using GIT, GitHub, BitBucket for Version Control.
* Have experience in vendor communication for new change request, testing and implementation and feedback. Have project management and team management skill.
* Work in a fast-paced environment, under minimal supervision providing technical guidance to the team members.
* Have strong analytical skills, able to handle complex situation and have can do attitude and can work under huge pressure to meet the deadline and always like to work in diversified area and with new technology.
* Experienced working in a collaborative, team-oriented setting
* Experienced in Microsoft Office applications

Technical Skills

Databases Oracle 8i/9i/10G/11G/12C/19C (PL/SQL), MS SQL Server 2016/2014/2012/2008 R2/2005, MySQL 4/5, Sybase, PostgreSQL 12/13/14, DB2 etc.

Languages & Scripting VB 6.0, Power Builder, C#, Python, Shell Scripting, Perl Scripting, Java, Cake PHP, Bootstrap, HTML, CSS, XML, JSON etc.

Editors/Tools MS Visual Studio.NET 2022/2015/2013/2012/2010/2005, SQL Management 2012/14/16, SSIS, SSRS, Power BI, SQL Developer, PL/SQL Developer ,Toad, workbench, SQLLDR, BCP, Putty,IntelliJ FileZilla, SSH Client, TextPad, Notepad++ etc.

.NET Technology VB 6.0, C#, ASP.NET etc.

Web/App Server Web Server: IIS 7.0, IIS 6.0, APACHE.

Operating Systems Microsoft Windows, Linux , Unix etc.

Report Tools Crystal Reports 9.0/10, iReport 5.6.0, Jasper report studio 6.4.3, SSRS, Power BI etc.

DevOps Culture Agile methodology, Scrum, Sprint, Jira, Git, GitHub, BitBucket, CI/CD Pipeline, Jenkins, Docker etc.

Professional Experience

03/2023 - Present TATA Consultancy Services, Client: NextEra Engergy, Houston, TX

Senior PL/SQL Developer

Technology Company providing enterprise solutions

* Working as a key data migration team player for old legacy system GEMS to new system Orion for Energy Management System.

Current Platform- Oracle, MS SQL Server, SSIS, SSRS, Power Builder App. STM, JSP, Java file, Jaguar component , EA Server, Jira, Git and GitHub etc,

* Developing PL/SQL store procedures, functions, views, triggers , packages , DBMS JOBS etc. in Oracle as well MS SQL Server. Performance tuning of existing queries and stored procedures.
* Reviewing existing PL/SQL procedures, functions, triggers, views in Oracle and MS SQL Server and modifying for migration change adaptation support and drive continuous improvement.
* Validating existing SSIS packages and developing end to end DTS tasks in SSIS package for ETL and loading data into SQL server migration DB, generating interface file for Orion system with migrated data using SSIS package.
* Validating existing SSRS report’s query logic and Developing new SSRS reports e.g. New migration status report, AR reconciliation report , payment report after AR migration etc. for migrated customer from Legacy system Oracle DB and from intermediate migration DB SQL Server.
* Preparing UAT document , writing test case scenario and performing UAT for trial migration activities like CAF (Customer Activation File) file creation, Customer drop notification processing, final monthly usage and invoice data processing, bill generation, billed data extraction for migrated customer, AR (Accounts receivable) migration , deposit migration, AR invoice offset in test environment.
* Reviewing Power Builder code , JSP scripts, Java code to articulate GEMS business understanding for dispute resolution against service request in Jira and also for GEMS migration activities.
* Changing Query in Power Builder data window, changing script logic in JSP for mig. Customer info for Power Builder App., Compiling and making build and re-deploying in QA and after having business approval deploying to production env.
* Changing code logic in .NET application for migrated customers billed data extraction and adding sub-programs, modify view logic in existing data extraction package.
* Facilitate discussions among other App. developers to exchange new ideas and improvements and implementation as per the requirement.
* Attending daily scrum meeting with internal and external team for current progress, issues, development plan and way forward.
* Interface with cross-functional teams to develop and implement database solutions, GEMS app. Change Management using Agile development methodologies.
* Closely working with Application developers (UI and backend) to meet their requirement as part of database soulution.
* Providing Ad-hoc reports to business from GEMS energy management system GEMS.
* Working with Git and GitHub for source code and DB objects version controls for GEMS App. And Billed data Extraction .Net application.
* Work log entry and reference files/email attached against assigned ticket in Jira Board for end to end tracking and to properly close ticket.

07/2021 - 03/2023 Red.Digital IT Limited, Dhaka, Bangladesh.

Lead Database Developer/Analyst

Technology Company providing enterprise solutions

* Worked as a Data Migration Team lead from PostgreSQL to MSSQL, MSSQL or ORACLE and MSSQL TO MSSQL for a Telecom operator for their new system RDMS (ROBI Distribution Management System) from the old legacy system STS (Sales Tracking System).

**Platform**: Oracle , Oracle Exadata , MS SQL Server, PostgreSQL, MSQL, SSIS, SSRS, Microssft Power BI, RPA,Python, Git and GitHub, Jira etc,

* Developed PL/SQL scripts in MSSQL , SSIS package, used BCP and SQLLDR tools for bulk data handling and for migration.
* Interface with cross-functional teams and application developers to build and implement database solutions using Agile development methodologies.
* Developed PL/SQL views, procedure and created DBMS JOBS to collect hourly data. Day-1 data from live system to Electronic Telecommunication Subscriber Affiliation Form (ETSAF) and uploaded billing data file for E-CRM. DB in Oracle Exadata.
* Provided day to day operational support for compliance team and resolved data disputes for Electronic Telecommunication Subscriber Affiliation Form (ETSAF) and E-CRM. for backend databases in Oracle Exadata.
* Developed PL/SQL stored procedure for daily basis data reconciliation between primary source and down stream, Developed PL/SQ proc. to support Data-ware housing team for daily incremental data download from ETSAF data archival system.
* Created tasks/subtasks for the Team in Jira borad for 15 days Sprint after discussions with the team member.
* Provide operational support and resolved disputes for multiple RPA e.g., Advance/Claim RPA, Campaign broadcasting RPA, Un-willing GPRS data pack purchase adjustment RPA etc.
* Re-vamped two RPA e.g. Advance and Claim RPA using python scripting into one simple RPA and for featuring error handling and email notification to the stakeholders. Worked with Pandas, JASON, cx\_Oacle library in Python.
* Developed Email alert application with Python for Oracle Jobs that are running for ETSAF, ECRM system.
* Daily performed Scrum meeting with the team for Jira Board update and alignment.
* Coordinate with DevOps teams and project managers to execute a complex migration from Oracle to Microsoft SQL Server,
* Work log entry and reference files/email attached against assigned ticket in Jira Board for end to end tracking and to properly close ticket.

09/2018 - 06/2021 Segmatek Software and Solutions Ltd., Dhaka, Bangladesh.

Database Developer

Technology Company providing support for Software and Telecom based Services

* Provided on-site and off-shore support for multiple telecom operators (BANGLALINK, Epic Cyprus, MTN Sudan and Syriatel) for TABS (Telecom Advanced Billing Solution) rating, billing, interconnect and roaming system and call center applications for TABS issue resolution through back-end database PL/SQL scripts and shell scripts development.
* Developed PL/SQL scripts for automatic bulk system data configuration like new customer package and tariff configuration, Developed PL/SQL and shell scripts for automatic bulk job processing from Cronjob.
* Developed PL/SQL procedure for data purging from large tables.
* Resolving day to day error or disputes or any issue occurrence in real time 24/7 for TABS application.
* Communicating upper layer with offshore team for any resolution if required. After receiving solution from head quarter Cairo, performed UAT in test env. and then deliver to customer and played active role for deployment in production environment.
* Communicate with customer for issue detail that has been raised and follow up customer for issue to close.
* Developing trigger, procedure in ORACLE and shell scripting as per business or customer requirement.
* Deployed solution after proper testing and reviewed by internal team and positive feedback from client in their UAT env.
* Worked with multiple trouble ticketing systems for problem resolution.
* Worked on Unix and Linux environment.

10/2017 - 09/2018 Aerobill IT, Dhaka, Bangladesh.

Senior System Analyst & Database Developer

Technology Company providing Software Solutions

* Played leading role to manage small size 4 to 5 members
* Working for System Design, Analysis and Development
* Developing PL/SQL procedures for various accounts, inventory, and sales reports.
* Performing System tuning, UAT , Validations and Documentations
* Checking system security and vulnerability

08/2013 - 10/2017 IBM Bangladesh Private Limited, Dhaka, Bangladesh.

Lead Database Developer

Technology Company providing support to airtel Bangladesh

* Played leading role to manage small size 4 to 5 members for rating, billing, interconnect and international roaming system operation and maintenance.
* Resolving billing disputes and charging issue, IOT disputes and roaming revenue disputes etc.
* Developing small applications using shell script, PL/SQL, C# as per business requirement.
* Developed application in shell script for Airtel roaming subscriber's data bundle offer which TABS roaming did not support
* Enhanced and Developed PL/SQL procedures for Billing Time Discount for customer which system did not support
* Developed PL/SQL procedures to subtract Supplementary Duty and Surcharge from TAX amount to show in customer bill copy.
* Enhanced and Developed shell script for performance tuning of existing e-bill execution process.
* Developed PL/SQL Script for Content's Providers revenue generation report and for mediation end to rating end CDR performance report
* Developed Oracle Cursor to update customer credit limit for package change done and Trigger for CDR segmentation.
* Responsible to migrate IT Billing systems of Airtel Bangladesh for Rating, aggregation, incentives, and Interconnect from TABS6 to TABS7 Implementation.

09/2008 - 07/2013 Airtel (BD), Dhaka, Bangladesh.

Telecom Operator, Senior Executive Revenue Assurance & Database Deveoper

* Developed VOIP Auto barring application for postpaid and prepaid subscribers with c# and Oracle.
* Developed CP revenue data aggregation process through Oracle PL/SQL procedures to validate IT generated CP revenue data
* Developed application with c# for CP revenue generation report in PDF to share among all the CPs for their invoicing to Airtel
* Performing verification and establishing control between two points from collection of CDR to invoicing to ensure almost 0% revenue leakage.
* Establishing effective controls and quality checks on billing data, records and detection of billing frauds.
* Identify leakage and its root cause and take initiatives to fix that with the help of operational stakeholders.
* Ensuring and establishing effective documentation and quality control records.
* Developed generic file up loader application with c# to upload data into Oracle database.
* Performance tuned of existing HLR parser to get faster output of HLR dump to reconcile with TABS dump.
* Developed Interconnect Billing System only through PL/SQL procedures to encounter IT generated receivable and payable amount
* Developed Postpaid Rating System only through PL/SQL procedures to validate daily rated CDR of TABS charging system.
* Developed complex report through PL/SQL procedures to validate any discrepancy in Easy Load Transfer from Airtel bucket to distributor and from distributor to Retailers
* Validate and perform UAT whenever new system needed to be implemented in network or IT dept.

for e.g., MAGIC, PreTUPS, AIR CS4 and GGSN etc.

* Validating daily basis distributor and retailers opening and closing balance and transfer amount from distribution management system from RA.
* Developed Prepaid Customer life cycle validity checking control and prepaid activity dashboard

04/2004 - 08/2008 TM International (BD) Limited, Dhaka, Bangladesh.

Telecom Operator, System Analyst

* Managed provisioning request to HLR, AUC data upload and reconcile Billing & HLR subscriber's dump
* Resolved billing problem submitted by CSR
* Worked in database development. Provided operational support for Interconnect System, prepared monthly necessary memo for invoice and bill verification.
* Worked with Pentahoo Data integration tool (Kettle) mostly for ETL solution.
* Developed end to end process on Pentahoo data integration canvous for various sources like database, files for ETL job for billing data extraction, transform and load into reporting Oracle DB/MSSQLDB/files for reporting purposes.
* Created schedule for ETL job using Pentaoo Data integration tool and monitor.
* Credit Control System Monitoring and maintenance and Operational Support to International Roaming Services
* Exchange rated file to Roaming Partner
* Determining scope, strategy, data mapping, business process mapping e.g., Interconnect System, Credit Control system, Customized Cell Restriction utility (CRU) and Friends & Family Number (F&F) for billing system migration.

Major Projects:

* VOIP barring application for Telecom operator, Platform- c#, Oracle.
* Prepaid CDR filtration from MSC postpaid CDR, Platform- Shell Script, Oracle.
* Roaming Subscriber's Data Bundle Offer in TABS roaming system, Platform- Shell Script, Oracle.
* AKTEL International Roaming Services (AIRS) Platform- Power Builder, Sybase.
* Enhanced Auto blocking Utility (EABU) for AKTEL Platform- Power Builder, Sybase.
* Huawei MSC CDRs Translator developed for AKTEL Platform- Power Builder, Sybase.

Education

Bachelor of Science in Agriculture 1993

University: Bangladesh Agricultural University, Mymensingh.