**Abhishek Kumar**

**Data Engineering Manager**

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With more than 18 years of experience in **ETL Development,** **Business Intelligence, Data Analytics, DevOps, Cloud Computing, Project Management, Product Management & Stakeholder’s Management under HealthCare and ERP domains**; provide hands-on technical leadership support and drive clear communication, visibility, collaboration and accountability within the team. Partner with customers and stakeholders to help develop and continuously refine the long and short-term roadmap.

**PROFILE SUMMARY:**

* Professional experience in **Product Management**, **Project Management** (Planning & Tracking, Estimation, Risk Identification with Mitigation Planning, Schedule & Communication), **Resource Management** (Allocations, Training & Problem Solving) & **Stakeholder’s Management.**
* End to end working experience in **ETL/Data Warehouse** Requirements Gathering & Analysis, Development (**using DataStage, SAS, Python, Unix, Oracle/DB2 & Airflow/TWS**), Testing (manual and automated), Code Quality Scan (using **Undraleu and SonarQube**), Production Implementation & Operation Support (using **ServiceNow** for incident & metrics management and review).
* Experience in **Business Intelligence, Data Analytics, Data Visualization & Data Profiling using** **SAS, MicroStrategy, Power-BI, Tableau and Excel.**
* **Build Cross-Functional** teams.Work on **Process Improvement, Product Modernization & Cost Optimization (using automation & open-source technologies).**
* Experience in **US HealthCare & ERP** domains.
* Work as **Product Owner** in ETL product.
* Exposure in **Machine Learning/Artificial Intelligence using Classification, Regression, Decision Tree, Clustering data pattern identification techniques with Python’s Panda, NumPy, SciPy, Matplotlib & Sklearn libraries.**
* Experience in **Cloud Computing using** **Azure Data Factory, Active Directory, DataBricks, Virtual Machine, SQL Server & Snowflake services setup.**
* Work in **Agile (using Rally tool) & DevOps (with Jenkins CICD pipelines and GitHub Repository**).
* Participate in Annual **SOC2 audit**.

#### IT SKILLS:

* **Database:** Oracle, Teradata, Snowflake, DB2, SQL Server & MS Access.
* **ETL/Data Ingestion:** DataStage, Mainframe, Unix & Python.
* **Business Intelligence:** SQL, SAS, Cognos, Power BI, Tableau, MicroStrategy & Crystal Report.
* **Web Development:** HTML & JavaScript
* **Programming Language:** Visual Basic, Java & C/C++.
* **Tools:** Rally Agile Central**,** TWS, Airflow, GitHub, Jenkins, ServiceNow, SonarQube & Undraleu.
* **Cloud Computing:** Azure.

**CERTIFICATIONS & REWARDS:**

* AHM-250 (Academy of HealthCare Administration)
* SAFe Agilist-Scaled Agile Framework
* ISTQB.
* Won Leadership Excellence, Sustaining Edge and spot recognitions in exceptional project deliveries and initiatives.

#### WORK EXPERIENCE:

**Optum Global Solutions Pvt. Ltd. Gurugram - *Data Engineering Manager***

Mar 2007 – Present

**Responsibilities:**

* Working in **HealthCare** domain and having accountability for end-to-end product deliveries. Provide leadership technical support and mentoring team in **Busines Intelligence,** ETL Products development and testing using **Python, SQL, SAS, Excel Macros, DataStage, Mainframe, Tableau, MicroStrategy, Airflow, Jenkin, GitHub & Azure**.
* **Performing Product Management activities by including deep understanding of how to interpret customer business needs, translate them into application & operational requirements and working with DevOps team for actual development.**
* **Work as an Individual Contributor** to support project’s day to day operations like Requirement Gathering, ETL development, data analysis, data mocking and data profiling. **Design and execute SQL queries** **for analyzing and testing various business scenarios in approx. 9TB data and 3 billion records.**
* Work as **Product Owner** in ETL product.
* Support in annual project **audit (SOC2).**
* Build **cross-functional** (DEV, QA and BA) team to support **Agile and DevOps** model.
* Work on process improvements (automate manual process & redundancy removal) and modernization opportunities.
* Managed **Airflow** implementation effort at portfolio level.
* Review operations incidents, metrics using **ServiceNow** and plan IT chargeback and future forecasting.
* Work on **data migration and technology upgrade** as required on timely fashion.
* **Regular connect with stakeholders & clients** and discuss on overall projects status, estimates (planned vs actual) and challenges with mitigation plan.

**Binary Semantics Ltd. & Eximware Inc. Gurugram.** - ***Software Tester***

Feb 2005 – Feb 2007

**Responsibilities:**

* Requirement review, create test plan, functional and business test scenarios, test cases for integration, functional & system test, test execution and bug tracking for **ERP product’s modules**.
* **Set up test automation framework** and perform test automation in **IBM Rational Suit** for Regression and Smoke Testing.
* **SQL query writing and data analysis.**
* **Integration (Functional & GUI) and Regression Testing** for Data and Web applications.
* Provide Test status updates, Bug Report & Test Summary Report.
* **Mentor team on any technical/functional issues**.

**MLBD Pvt. Ltd. New Delhi - *Software Test Engineer***

May 2003 – Feb 2005

**Responsibilities:**

* Requirements gathering and analysis. **Coding** for assigned **ERP** modules using **Visual Basic, SQL Server and Crystal Report**.
* **Database design, data modelling and data migration** on new platform. **SQL query writing and data analysis**.
* **Unit Testing, Integration (Functional & GUI) and Regression Testing for Data and Web applications**.
* **Client site interaction and operation support.**

#### EDUCATION:

* **1999-2001:** C.C.S. University, Meerut - MIT (Master of Information Technology), 70% marks.
* **1996-1999:** C.C.S. University, Meerut - BSc (Bachelor of Science), 55% marks.
* **1996:** U.P. Board, Allahabad – Higher Secondary (Science), 58% marks.
* **1994:** U.P. Board, Allahabad - Secondary(Science), 61% marks.

#### PROJECTS HANDLED:

* eCR (e-Services Customer Reporting) – ETL and Business Intelligence Product

Client: UnitedHealth Group, USA.

Technology used: Oracle, Teradata, DataStage, Mainframe, TWS/Airflow, Python, VBScript, SAS, Unix & MicroStrategy.

Project Description: eCR is a web-based reporting application (with ETL/Data warehouse capability) having various interactive, automated and published healthcare reports which uses Member, Medical, Customer, Claims, Financial, Inpatient & Outpatient subject areas data. It’s leveraged by underwriters, external customers/brokers and provides the ability to manage plan performance, identify trends & self-manage cost and utilization reporting needs.

* Galaxy – ETL & Data Warehouse

Client: UnitedHealth Group, USA.

Technology used: Mainframe, DataStage, DB2, TWS/Airflow & Unix.

Project Description: Galaxy is an enterprise ETL and data warehouse that integrates customer, member, provider, product, and claims data from multiple source systems. Galaxy enables users to answer business questions about physician and plan performance, market share, and geographic variations in clinical practice, health outcomes, and more.

* Premium Designation - ETL and Business Intelligence Product

Client: UnitedHealth Group, USA.

Technology used: SQL Server, SSIS (SQL Server Integration Service), .NET and COGNOS Reporting Tool.

Project Description: Premium Designation is an analytical application where physician, physician groups & hospitals are ranked based on their annual performance by analyzing their respective clinical data and user can search the best physicians by checking their clinical records.

* Data Delivery System - ETL Product

Client: UnitedHealth Group, USA.

Technology used: Mainframe, DataStage, AutoSys and UNIX.

Project Description: Data Delivery System (DDS) is an ETL application that delivers operational data from the United Platform administrative applications to Alliance Partner’s data warehouse and downstream systems to support their data needs.

* Rainforest Alliance Certified TM Marketplace – ERP product

Client: Rainforest Alliance USA.

Technology used: Java, JavaScript, Oracle and Crystal Report.

Project Description: Rainforest Alliance Certified TM Marketplace (Products Traceability Platform) is a web-based application to manage the growing Coffee certification program. Database encompass the relevant activity of all companies participating in the RAC program (Producers, Exporters, Importers / Dealers and Roasters) to enable traceability of coffee from tree to cup as it moves along the coffee supply chain.

* TLM (Trade Lifecycle Management TM – ERP product

Client: ExImWare Inc. USA.

Technology used: Java, JavaScript, Oracle and Crystal Report.

Project Description: TLM provides fully integrated suite of agriculture commodity trade and risk management capabilities, some key features are - Complete trade back-office life cycle for traders using different modules as: Contracts, Logistics, Futures / Option, Brokerage, Accounting, Sampling and Mark to Market.

* MLBDNEW – ERP product

Client: MLBD Pvt. Ltd., India.

Technology used: Visual Basic, Crystal Report, MS-Access and SQL Server.

Project Description: This product is a subset of an ERP which tracks inventory levels, orders, sales, deliveries, work orders and invoices. User can generate multiple reports as Stock Ledger, Stock Summary, Sale Register, Cash Sale register, Good Receive Register, Complimentary Register, and Approval Register, Cash Memo; Performa; Approval; Complimentary; Sale Return; Customer Order and Purchase Order can be performed.