**DEEPAK KUMAR**

Associate Consultant, Capgemini India Pvt. Ltd.

Computer Science & Engineering, NIT Patna

*Email: - deepakkumar4562@gmail.com*

**PROFILE :**

* Primary Skill :- **Master Data Management.**
* Other Skills :- **Big Data Administration, Linux Administration**.
* Programming Language :- CORE JAVA, C++, PYTHON.
* Database :- MYSQL & DB2.
* Hands-On Knowledge on Applications :- RAD (Rational Application Developer), WAS (WebSphere Application Server), SOAP UI, POSTMAN API, **WINSCP**, **DB2**, Putty, **Data Stewardship UI**, **Super Putty**, Beyond Compare, GITHUB, Hyper Visor.
* Operating System :- LINUX & WINDOWS.
* Applications Familiar with :- Data Stage, HIVE, **DOCKER**, SQOOP, **SPARK**, SPLUNK, KAFKA
* Environment :- Localhost & Server.

**DOMAIN EXPERIENCE :**

* Big Data training **– 3 months**
* Quality Assurance, **MDM – 15 months**
* MDM Developer **– 12 months**

**EXPERIENCE:**

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| Project Name | DLR SEA-CDM IMP | |
| Role | MDM Developer : Mar 2019 - Present  CDM Quality Assurance : Jan 2018 – Feb 2019 | |
| Technology/tools used in project | **Rational Application Developer(RAD)** | **IBM Web sphere Application Server (WAS)** |
| **Data Stewardship UI, SOAPUI** | **WinSCP, Putty, Beyond Compare, IBM Datastage** |
| Responsibilities as a MDM Developer | * MDM Developer for South Africa division of a multinational company, to implement Customer Data Management by preparing a central data hub for storing more than 3 million data from other legacy systems. * Developed custom services to add/modify data, store the complex relationship among multiple tables of a highly normalized database and designed match-merge process to handle hundreds of attributes. * Developed complex SQL queries to extract data stored in different tables to provide a holistic view of customers. * Converted complex SQL queries into Stored Procedure in order to increase Performance. | |
| Responsibilities as a Quality Assurance Analyst | * CDM(MDM, IIS & IIB) Tester for INDIA, AUSTRALIA and Service Delivery divisions of a multinational company. * End to End Functional and Integrational Testing of CDM System including test case preparation a/c to Business requirements. * Preparation of all the testing documents like Test Cases, Test Plan, Defect Log, Requirement Traceability Matrix etc. * Trained and mentored more than 10 resources on CDM Testing. | |
| Project Description | This is one of the largest automobile company which deals with different brands of cars but here we work for only one brand. We manage the master data of all the customers who uses the cars of a particular brand. We receive different data from different source systems, manage the data and then store in the DB. The Customer Data Management (CDM) system comprises of IBM IIB9Integrationpurpose), IBM IIS (Data Quality) and IBM MDM.SOAP and Postman is used for testing the functionality of the system built is working as per client requirement. Alongside, END to END testing is also performed to check the flow of data is working properly or not. DSUI is an UI of IBM which is used as an UI purpose. Match-merge operations are performed at the DSUI using the survivorship rule. Match is done accordingly through PME configuration. | |

**OTHER PROJECTS:**

1. **Source Location Privacy in Wireless Sensor Network using Concentric circles.**

**Duration:** Feb, 2016 to May, 2016

**Description:** Wireless sensor networks are deployed for sensing, data collection and monitoring  
purposes in military as well as civil domain. In monitoring purposes, a source from  
where the messages are initiated is to be protected by an adversary who is keen to  
find out the source by backtracking the messages and ultimately, capturing the  
source. Our job is to protect the source from being captured. Our proposed model  
consists of concentric circles on which a number of sensor nodes are scattered. Upon  
sensing an event, the source node generates a random number and chooses an  
arbitrary node from nearest inner circle and the node chosen is forwarded the  
message and it also follows the above procedure and in this way, we protect the  
source.

**Language:** c++   
**Tool:** Omnet++

**GitHub Link :** <https://github.com/deepak134781/Wireless-Sensor-Network/tree/master/Practise25>

1. **Manual & Automatic Hadoop Cluster on Linux System.**

**Duration:** Jun, 2016 to Aug, 2016

**Description**: Here, We have made software using shell script on Linux system for automated and manual Hadoop cluster.  
**1.Automated Hadoop Cluster:** In this, User has only to click a button. It will automatically make a hadoop cluster using all the nodes available.  
**2.Manual Hadoop luster:** In this, All available IP's are scanned by user and he can choose any node as namenode, datanode, job tracker or task tracker.  
**GitHub Link** : <https://github.com/deepak134781/HADOOP-1>

<https://github.com/deepak134781/HADOOP-2>

**CORPORATE ACHIEVEMENTS:**

* **Performance Rating : “1” in Year 2019 - Capgemini India Pvt. Ltd.**
* **Rising Star Award in August 2019 – Capgemini India Pvt. Ltd.**

**TRAINING/CERTIFICATION :**

* **Big Data Training – Capgemini India Pvt. Ltd.**
* **Big Data Administration Training – Linux World Informatics Pvt. Ltd.**
* **Red Hat Certified System Administrator – Linux World.**
* **Informatica MDM Training - Capgemini India Pvt. Ltd.**

**Academic DETAILS:**

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| --- | --- | --- | --- | --- |
| **CLASS** | **BOARD** | **UNIVERSITY** | **MARKS**  **OBTAINED** | **YEAR** |
| B.Tech(CSE) | NIT | NATIONAL INSTITUTE OF TECHNOLOGY, PATNA | 7.97 CGPA | **2017** |
| 12th | B.S.E.B | R.P.Y. INTER COLLEGE, KURSELA, KATIHAR | 83.20% | **2012** |
| 10th | B.S.E.B | INTER HIGH SCHOOL, NAUGACHIA | 80.20% | **2010** |

**SOFT SKILLS:**

* **Availability**, Adaptability, Team Work, Time Management, Business Analysis.

**LANGUAGES:**

* English & Hindi.

**PERSONAL INFORMATION:**

**DATE OF BIRTH:** - 06.03.1995.

**MOTHER’S NAME:** - Kiran Devi.

**FATHER’S NAME:** - Jagdeo Mandal.

**MOBILE: -** +919693684548.

**DECLARATION:**

I hereby declare that the above information is true to the best of my knowledge.

(Deepak Kumar)