USHMA DUBAL

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| **Java Developer with expertise in DevOps and Automation**  **18 years of experience in IBM Product group** |

**Bachelors of Engineering (Electrical Engineering)**

**IBM Certified Solution Developer -- WebSphere Information Server DataStage EE v7.5**

**C-DAC Diploma (Centre for Development of Advanced Computing)**

**Java developer with expertise in DevOps and Automation. Total 18 years of experience in IBM** Products Development in Java, DevOps, Automation, Product Life Cycle, Agile methodology, White Box Testing, Cloud computing, Hybrid cloud and bug fixing.

**AREAS OF EXPERTISE**

**Java J2EE Microservices DevOps (CI, CD, CT, CM) Graphana Dashboard, Kibana**

**Cloud Computing (BlueMix) Jenkins, Groovy, Gradle, GitHub Linux, Win, MAC, Solaris**

**NoSQL(GraphDB, HBase, DashDB) Batch, Pearl, Shell Scripting Docker, Containers**

**Agile, Scrum Master Kubernetes, Ansible, helm**

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| **DETAILED SKILL SETS** |

**Languages: core Java, Rest APIs, XML, JSON**

**Database: Databases (SQL Server, DB2, Oracle, DashDB) and No SQL DB (GraphDB, HBase), Cloudant**

**Servers: WebSphere, WAS Liberty, TOMCAT, ATLAS**

**Scripting language: Shell Scripts, Perl scripts, Batch scripts, groovy**

**Dev Ops Tools: Jenkins, Groovy, Travis, Maven, Ant, Gradle, GitHub, UCD (Urban code Development), RTC, JIRA, GitHub Tracker**

**Rest clients: Web client, Postman, Rest client testing using java unit testcases.**

**Performance tools: Jmeter, JProfile.**

**Environments: Windows, Linux, AIX, Centos, Solaris, Z-Linux, ZOS, HP, High Availability cluster environment, cloud computing, hybrid cloud.**

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| **CAREER HIGHLIGHTS**  **IBM (Product Group) as a Developer & Tech. Lead: Aug 2002 to till date (17 years)** |

* Currently working as **development team member in Java and** **DevOps** in **IBM Product group** for **Watson Data Platform (IBM AI)**
* Delivered around **75+ releases across numerous products (Information Platform and Services, JTC Java Technology, Open MetaData Access Services and Watson Data Platform) within IBM**
* **Fixed around 10,000 bugs in Java and many other programming platforms while working across numerous products in 17 years long career in IBM**
* Worked on **Java, J2EE, SQL, Non-SQL DBs, DevOps, Cloud Computing, WebSphere, Tomcat, ATLAS, Liberty WAS in Agile Scrum Model**
* **Designated scrum master**. Responsible for tracking changes, team progress and **leading agile team**
* Wrote and automated numerous **white box test cases written in Java using JUnit, Rest Aps using JUnit and Postman, JMeter**

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| **Current Assignment:   Watson Data Platform (IBM Products) on cloud, hybrid cloud and on-prem**  **Jan 2017 – Ongoing** |

* Currently Working on **Watson Data platform** **product build up with 30+ microservices** **in Java**
* Responsible for **Bug-Fixing/ REST API JAVA / DevOps of microservices/ white box testing, point of contact for services, debugging issues.**
* Excellent hold of **BlueMix Storage space**, **Amazon Storage Space (AWS), SOS storage space. Non-sql databases like Cloudant, dashDB, Hbase and GraphDB, Sql database DB2, SoftLayer Virtual Machines**.
* Working with **cross functional and geographically distributed teams** (US, UK, Germany, India, France, Poland, Canada)
* Working on **monitoring Dashboard which will represent health of microservice running on different Production environment**
* Creation of **RunBook** which will be used by L3 support team in case of an issue in bluemix Environment.
* Fixed bugs and wrote code using: **Java, REST client, Postman, newman, maven, gradle, Jenkins, Groovy, Cloudant, DashDB, bluemix Cloud computing, travis, Shell scripts, Github, Tracker, Kubernetes cluster, helm charts (used in Kubernetes).**
* Besides Java development, wrote integrated test cases in DevOps environment: This is the pipeline which **tests BVT, integration tests, System verification tests and deploys build dev, alpha, pre-production and production environment**
* Worked as a **scrum master** in **Agile** Methodology.

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| **Previous Assignment 1: Open Metadata Access Services (IBM Products)**  **Jan 2016 – Dec 2016** |

* It was an **Open source product for IBM bluemix cloud environment**
* Responsible for Bug-Fixing using: **Java, junit, REST client, maven, Jenkins, Hbase, GraphDB, Atlas, blumeix clouding computing, shell scripts, docker, Github, Tracker**
* Worked as a scrum master. Responsible for updating team about new functionality and changes.  
  Worked with cross functional team part of Open Metadata Access Services (US, UK, Germany, India, France, Poland).
* **Besides development in Java, wrote integrated test cases in DevOps environment:** This is the pipeline which **tests BVT, integration tests, System verification tests and deploys build dev, alpha, pre-production and production environment**

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| **Previous Assignment 2: Information server and platforms Metadata Server (IBM)**  **March 2006 – Dec 2015** |

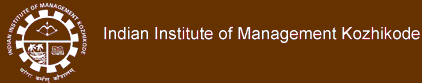
* Worked a team and technical lead for this project.
* **Delivered** around **10 major releases** of Information server and platforms and **40 Fix pack releases**
* Worked on **core java, junit, Databases( DB2, Oracle, SqlServer of all the different versions), maven, Jenkins, UMLModeling diagram, Websphere, WAS Liberty, Tomcat, RTC, Ecase**
* **Platform supported: Linux, AIX, Z-OS, Z-linux, HP, Solaris, Windows**

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| **Previous Assignment 3: e-Business Integration Java Technology Centre (IBM)**  **Aug 2002 – March 2006** |

* Worked as a Java developer for this project
* This project, I was involved in development of adding enhanced features in JDK(sun and now Oracle JDK) as per requirement by IBM products. These were ranging from JDK (13x ,14x and 15)
* **Platform supported: Linux, AIX, Z-OS, Z-linux, HP, Solaris, Windows**

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| **Multiple schedule procedure selection and Virtual Exam split -Wipro GE Medical Sys.**  **Feb 2001- May 2002** |

* Worked a team member in MRI (Magnetic Resonance Images) project
* This project was related to storing information of patient MRI images using: **Objective C, C, C++, Networking for Process Communication**

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