# Abhishek Sikka

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**Objective:**

In quest of challenging opportunities in Software Development

**Abridgement:**

* An astute professional offering 4.10 years of industrial & corporate experience with around 4.5 years of work experience into Software Product Development & handling software assignments & around 6 months of work experience into Mobile Plant Maintenance.
* Currently associated with **Citi Corp Services Pvt. Ltd. (A Citi Group Company), Pune as an Asst. Manager (Sr. Developer).**
* Good understanding of OOP (Object Oriented Programming), OOD, Core Java, Multithreading, Collections, Concurrency, SQL, Multithreading, Concurrency, Java Collections, Data Structures, Servlet, Storage & Virtualization, Multithreading, SAP products (LVM), GIT, SVN, Apache Products such as Kafka, Zookeeper, Home Product MARS.
* Basic understanding of Design Patterns, Shell Scripting, Finance Trading, CSH scripts.
* Knowledge of Eclipse IDE for the development of Java based projects & products.
* Well versed in making Microsoft Office documents & Power Point presentations
* Adept at grasping new technical concepts quickly & utilizing the same in productive manner.

**Work Experience:**

* Working as **Asst. Manager (Sr. Developer) in Citi Corp Services Pvt. Ltd., Pune Dec’2015 to present.**

**Job Profile:**

* Interacting with the business users to understand the business
* Develop JAVA, CSH, SQL based applications to meet the user requirements
* Enhancing home product (OASYS Financials) to meet the trade needs
* UAT testing & acceptance
* Participate actively in the learning process initiative under the manager

**Projects Handled:**

**April’16 – Present SMC Full Recon**

**Client:** Citi Bank

***Skills Used:*** Core Java, Java Collections, SQL, CSH Scripts, XML, Java Serialization, Servlet, MAILX API, Autosys, Rest Services

SMC Full Recon is a reconciliation job that collects the security positions for the Financial Institution items i.e. Product, Cusip Rating, Issuer & Issuer Ratings from two products i.e. the Oasys Financials & the Monet Services. It then reconciles the data obtain for the four products & generates four reports depicting the mismatch between the two which is used by the Operations & Support to depict the conflicts.

**Dec’15 – Mar’16 Auto Payment Sign Off for Citi Direct**

**Client:** Home Product Enhancement

***Skills Used:*** Core Java, Java Collections, SQL, CSH Scripts, XML, Java Serialization, Servlet, MAILX API

Citi Direct is an online portal which obtains the feed from OASYS Financials. The feed obtained is used by the users to sign off the payments manually, so to automate the process the “Auto Payment Sign Off” application is used which obtained the feed from Citi Direct Portal & query for the deals and transaction & use the information to sign off the payment in an automated manner.

* Worked as **Member Technical Staff in Cumulus Systems Pvt. Ltd., Pune Sept’2013 to Nov’2015.**

**Job Profile:**

* Interacting with the client for understanding the requirements for the product
* Develop JAVA, Ant, Groovy, Shell based products
* Coordinating with the Testing Team to make them understand the specification for the product & verifying the test cases
* Develop Unit Test Tools for the product
* Making functional specification documents for the products
* Rectifying bugs related to the products
* Taking active participation in the weekly calls to understand the future scope of the project & discuss defects for the current specification

**Projects Handled:**

**June’15 – Nov’15 Enhancing Query API for MARS BM**

**Client:** Home Product Enhancement

***Skills Used:*** Core Java, Java Collections, Log4j, Java NIO API, JSON, Java Serialization, Servlet, Memento Design Pattern

Enhancement of the Query API of MARS BM which is used to query the resources for the defined parameters in the schema & sometimes if the query is made for more no of resources then there are chances that the server goes out of memory, so enhancing the API to serialize & retrieve the results using JAVA NIO API.

**Oct’14 – Dec’14 MARS Probe for analyzing Web Server Performance**

***Client:*** Hitachi Data Systems

***Skills Used:***  Java Collections, Java Threading, Http Client , Apache Web Server, Logstash-agent, Logstash Server, Elastic Search Server, Log 4j, JUnit

It is a Web-Based system that provides analysis of the Web Server with the help of MARS (Cumulus Product) that possess the capability to depict the analysis through various types of interactive charts, top N reports & document reports. The project uses Http Client, Logstash Agent, Logstash Server, Elastic Search Server to fetch the health information of the Apache Web Server, does the analysis & plot the results on interactive charts, document reports. It also possess the capabilities to provide top N resources, top N clients etc.

**Sept’13 - Sept’14 Hitachi Server Adapter for SAP Landscape Virtualization Management 2.0**

***Client:*** Hitachi Data Systems

***Skills Used:***  Java Collections, Multithreading, Apache Web Server, SAP API, Servlets, Apache Http Client, Log 4j, JUnit

Hitachi Server Blades are very high configuration machines in terms of memory & speed. Each Blade comprises of the Chassis which is partitioned to several blades & then on blades the LPAR are created on which the SAP ERP runs.

The Hitachi Server Adapter is a plug in tool for the SAP Landscape Virtualization Management product which allows managing SAP Landscapes running on LPAR (Logical Partition) on Server Blades.

As a major use case it allows Cloning, Migrating SAP ERP system running on one node (LPAR) to another node (LPAR). It also allows activating/deactivating nodes (LPAR) on which the SAP ERP is running.

*Major Feature:* It supports Cloning, Migration of the running SAP across different Hyper-visor as well.

**Assignments Handled:**

**March’15 – June’15 Application initialization using CLI for MARS BM**

**Client:** British Telecom

***Skills Used:*** Core Java, Apache Ant, Groovy, Shell Scripting, JUnit, Log4j

This is a CLI based application which is used for initializing the configuration & starting the application Server for MARS BM. It asks the user for the valid license, validates the encrypted against the keys specified, creates the admin user for the application & set the user Time Zone taking input from the user.

**Research Tasks Handled:**

**Dec’14 – Feb’15 Apache Kafka as Persistent Messaging Queue for MARS**

**Client:** Home Product Enhancement (R&D)

***Skills Used:*** Apache Kafka, Apache Zookeeper, Core Java, Java Collections, JUnit, Log4j, Singleton Factory design pattern, Multithreading

MARS is the home product of Cumulus Systems which is used for analysis of time series & scalar data obtained from various sources which could be Storage related, Data obtained from switches, Network related data, etc. It mainly has the two components i.e. MARS Probe & MARS Server. The MARS Probe is used for data collection from various sources; it uses a framework which specifically collects the data & stores the same into MARS specific performance & configuration format. Earlier it uses file based storage on hard discs & then uploading the same on certain FTP location in zip format which was more time consuming & requires more space. Now as an enhancement the base for storing the data is switched to Apache Kafka which is more faults tolerant, fast & has an efficient producer subscriber model. The new model is used to publish data using two separate publishers to the specified KAFKA topics created on KAFKA brokers. On the subscriber end there are two types of subscribes i.e. the real time consumer & another consumer which collects the data for the specified interval which could be further used for reporting & analysis.

* Worked as **Maintenance Engineer in Samsung India Electronics Pvt. Ltd., Noida** Sept’2011 to Feb’2013

**Job Profile:**

* To develop & maintain the software for PBA testing & defect management
* To interact with the higher management to understand the defect analysis process & incorporate the same into the software
* To provide Reactive Maintenance & Preventive Maintenance for Test Equipment on production lines & maintaining 5S principles on shop floor.

**Projects Handled:**

**Mar’12 – Jan’13 PBA Testing & Defect Management**

**Client:** Home Product Enhancement (R&D)

***Skills Used:*** Core Java, Multithreading, Collections API, JUnit, Swing, Log 4j, XML, MailX API, Barcode Scanner, Barcode Reader

PBA testing & defect management is the automated software used for testing the phone board assembly for all its functionality such as ringing, music player, speaker, volume test etc. & logging the defects which run on every production line. The final report of testing the same is displayed on the screen & also emailed to the PQC team.

**Certification:**

**Post Graduate Software Diploma in Advance Computing,** Sunbeam Institute of Information Technology (**CDAC**), Pune with an aggregate 71%. Feb’2013 to Aug’2013

**Projects Handled:**

**Jun’13- Jul’13 Skyward Information System**

***Skills Used:***  Java Generics, Java Collections, Struts, Hibernate

It is a Web-Based system that facilitates efficient Parents – Teachers communication where parents can view their children’s performance, give there valuable feedback & request changes electronically. It uses Oracle for persistence, JSP as view, Struts as Front Controller.

**Mar’13- Apr’13 Library Management System**

***Skills Used:*** Java Generics, Java Collections, Hibernate, JAVA Bean

It is a Web-Based based complete library management solution that facilitates librarian to create, update, retrieve & delete books entries & students to obtain about the books depending upon their area of interest and make request accordingly to which the librarian responds with a date and time on which the book can be collected.

**Software Skills:**

* **Programming** - Core Java, JUNIT, JSP, Servlet, Apache Ant, Groovy, SQL, Concurrency, Multithreading
* **Scripting** – Shell Script
* **OS** – Windows, Red Hat Linux
* **Framework** - Struts, Hibernate
* **Products** – MARS, Apache Kafka, Apache Zookeeper, Elasticserach, Logstash
* **Database** - Oracle 11g
* **Tools\IDE:** Eclipse, CVS, Mantis, VIM
* **Code Management Tools:** GIT, SVN

**Scholastics:**

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| 2007-11 | Moradabad Institute of technology, Moradabad, U.P. | 75% | B.Tech (ECE) |
| 2006-07 | K.C.M. School affiliated to C.B.S.E., Moradabad, U.P. | 83.00% | Class XII |
| 2004-05 | Wilsonia College affiliated to I.C.S.E., Moradabad, U.P. | 78% | Class X |

**(Abhishek Sikka)**