**CURRICULUM VITEA**

**Aditya Singh**

Block:-C , Sector -1

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# *OBJECTIVE*

Exploring for an opportunity that encourages creativity and endeavor to contribute effectively to the growth and performance of self and organization. Seeking a position that would enable me to use my potential to the fullest and provide newer challenges and opportunities to enrich my career.

**PROFILE SUMMARY**

* Currently working as Senior Tech. Associate for Global Markets and Risk Technology in **Bank of America,** Hyderabad.

# *EDUCATIONAL QUALIFICATION*

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| **Degree &Branch** | **Institute /University** | **Year of Passing** | **CGPA/%** |
| B.Tech-Information Technology | VIT University- Vellore | 2012 | 9.154/10 CGPA |
| Intermediate (10+2),C.B.S.E. board | Ryan International School | 2008 | 89.8% |
| Class 10 ,C.B.S.E. board | Ryan International School | 2006 | 88% |

* **Programming Language :**  C, C++, Java , HTML, Java Script, python

# *SOFTWARE SKILLS*

Java Beans , Struts and MVC framework

* **Databases :** Oracle 10g , MS Access, MySql
* **Operating Systems :** Windows(versions)
* **General Tools :** Microsoft Office

**Assignments taken under Mortgage QA**

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| --- | --- |
| Name of the project | Integrated Desktop(ID) |
| Period | Nov 2012- 2014 |
| Description | ID is a position and risk management application. |
| Role | * Regression testing for each of the releases which includes functional and performance testing. * Testing of the code items (improvements/bug fixes etc.) for each release. * Maintaining the test case release items up to date for audit purpose and reference. * Maintaining regression test case suite. * Performing daily production checks for ID and informing the developers in case of any production issue. |

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| Name of the project | Principal Financial System |
| Period | March 2013- 2014 |
| Description | PFS is a loan management application |
| Role | * Regression testing for each of the releases. * Testing of the code items (improvements/bug fixes etc.) for each release. * Maintaining the test case release items up to date for audit purpose and reference. * Maintaining regression test case suite. * Performing daily production checks for PFS and informing the developers in case of any production issue. |

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| Name of the project | Trade Manager |
| Period | January 2013-2014 |
| Description | This application provides a single point entry for all product types- assets and hedges-traded on the GMSP Mortgage and asset backed securities |
| Role | * Performing production checks everyday. * Working as a backup for regression testing performed daily which also includes connectivity testing between Trade manager and other external applications. * Recently performed testing on Trade Manager-ID replacement project in maintaining the test cases and some GUI related testing. |

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| --- | --- |
| Name of the project | Marks Manager |
| Period | Dec 2013-2014 |
| Description | It is a framework and user interface. It is needed to manage marks across GMSP. Marks will be maintained on a security-by-security basis for cash and on a trade level for directories. |
| Role | * Performing production checks everyday. * Have performed complete regression testing on a daily basis. Creating code- item for any bug/defect found during regression testing. * Maintaining the test case release items up to date for audit purpose and reference. * Maintaining regression test case suite. |

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| --- | --- |
| Name of the project | Whole loan Manager |
| Period | Dec 2013-2014 |
| Description | This application is a quartz version for the PFS. |
| Role | * Performing production checks everyday. * Creating code- item for any bug/defect found during regression testing. |

|  |  |
| --- | --- |
| Name of the project | Risk Viewer |
| Period | March 2013-2014 |
| Description | This application is like a repository which consists of data related with trade booked through other applications like ID, PFS, Quartz etc, classifying data based on some exception categories etc. |
| Role | * Perform daily data quality, prod checks, QA checks. * Have performed DB related testing. |

# *PROFESSIONAL ACHIEVEMENTS*

* Got bronze award for certificate, appreciating the work on ID and PFS applications.
* Nominated and awaiting to receive the Gold award.

# *AREAS OF INTEREST*

Distributed Computing (Cloud Computing), Computer Networks, Theory of Computation, Data Structures.

# *ACADEMIC EXCELLENCE*

**SEMESTER DETAILS**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Semester** | **I** | **II** | **III** | **IV** | **V** | **VI** | **VII** | **VIII** |
| **GPA**  **(out of 10)** | 9.1 | 8.86 | 9.1 | 9.37 | 9.08 | 8.9 | 8.95 | 9.81 |

**ACHIEVMENTS:-**

* One among the **Top 10 Merit Rank** holders of B. Tech Information Technology 3rd Year.

**EXTRA CURRICULAR ACTIVITIES**

* Attended workshop on **“Cloud and SOA (Service Oriented Architecture)”** conducted by VIT University, Vellore in collaboration with IBM.

**INTERNSHIP DETAILS**

**Done at**: Media Labs Asia National E-Governance Division,

CGO Complex, Electronics Niketan,

Ministry of Information Technology,

Lodhi Road, New Delhi – 110003

**Duration**: 04th June 2010- 04th July 2010

**Description:** **Testing of PMIS (**Project Management Information System**)** includes finding the bugs, errors and discrepancies in the Code/Database/Interface. To monitor and track the status of various projects undertaken by the department under MIT using PMIS.

A **Presentation on cloud computing** was made which explains the impact of cloud computing on the way the services are provided. Emergence of various cloud computing platforms based on the multitenant model. Evaluating the data centre utilization in relation to traditional enterprise, virtual enterprise, cloud enterprise. Impact of cloud computing on the Global economy with information regarding the various cloud vendors. Analyzing e-governance challenges and cloud benefits.

# *MINI PROJECT*

**Title :** Project Management Information Systems (PMIS)

**Tool :** DR.JAVA (Java editor), Net beans, Java virtual machine, Java Development

Kit

**Objective :** The project was intended in developing an information system which will store the details about various projects in an organization. It benefits the user by providing the information that are scattered across the project through a single interface.

**Title :**  Online Software and Project Solutions

**Tool :** Html, php, Java script, MySQL (database), Dream viewer (editor),Notepad

**Objective :** This project was intended in developing a website which will provide details

Regarding the software required by various organizations i.e. customers.

The web site acts as an interface between these customer and software

Organization.

# *MAIN PROJECT*

**Title :**  Data Mining Approach in Cloud Computing Environment

**Tool :** Windows 7/XP, Java jdk 6.18 version or latest, Ms-Access/My SQl, Net

Beans

**Objective :** In our project, we describe a framework that is constructed using java to

store, retrieve, view and cluster numerical and textual data by exploiting the cloud computing paradigm. We create a client-server architecture in order to support virtualization of the application that is formed which thus can be accessed by any client that is connected to the server whenever the client requires it. The database file resides only in the server machine however all clients can access the database through RMI. In order for clients to run the software files they require java virtual machine installed in their system. Before executing any client files the server must be started. Before starting the server rmiregistry is formed which acts as an interface through which clients can access the database files residing in the server. The application helps us to add/modify/view records as and when required. In our project we perform two types of clustering ie. Numeric data clustering and text clustering. In numeric clustering we use two algorithms which fall under the category of partition clustering ie kmeans and kmediods. We compare the output of both the algorithms and display the results. For text clustering we use bag of words approach that clusters the records based on similar words taking into account their frequency. Using cosine based similarity we cluster the records and display the results

# *PERSONAL INFORMATION*

* **Date of Birth :** 26/04/1990
* **Gender :** Male
* **Father name :**  Mr. Avtar Singh
* **Mother tongue :** Hindi
* **Nationality :** Indian
* **Languages known :** Hindi, English, Punjabi, French
* **Permanent address :** C-1/1102,Vasant Kunj , New Delhi -110070
* **Present address :** Flat No. 503, Subham Apartments, Income Tax Colony Amba Gardens, Mehdipatnam , 500028

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# *LEISURE INTERESTS*

* Watching classic Hindi ,English movies
* Spending time with Pets
* Listening music

# *DECLARATION*

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

**Place:**

**Date**:  Aditya Singh