**Anand Rathi**

A-403, Poorva Heights,

Sus Road, Pashan, Pune-411021

**Mobile:** 9673006602

**Email:** [rathiar\_194@yahoo.com](mailto:rathiar_194@yahoo.com)

Professional Summary

* More than 10 years of experience in web application development using Java, J2EE and open source technologies.
* About 1 year of experience on working on Big Data technologies like Apache Hadoop stack.
* About 5 years of experience in SaaS and PaaS application development.
* About 2 years of experience in playing a role of an Architect.
* Well versed with Onsite/Offshore methods of working.
* Familiar with Agile Programming methods.

Employment History

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| **Employer** | **Location** | **Designation** | **Duration** |
| IBM India Pvt. Ltd. | Pune, India | Advisory Software Engineer | Dec 2012 – till date |
| SunGard Global Technology | Pune, India | Senior Specialist – Product Development | Aug 2007 – Dec 2012 |
| Cognizant Technology Solutions | Pune, India | Associate | Nov 2003 – July 2007 |

Education

**B.E. (Computer Science & Engineering)** – Year 2003 - Shri Guru Gobind Singhji College of Engineering and Technology

Skill Set

* **J2EE Frameworks:** Spring, Hibernate
* **Open Source Frameworks:** Apache Jackrabbit (Content Repository), Apache CXF (Web Services, REST), Apache FtpServer, Apache Camel, Apache Lucene, Apache UIMA
* **BPM Solution:** Eclipse Stardust
* **UI:** JQuery, AngularJS, D3
* **Big Data:** Apache Hadoop, HBase, CouchDB, Apache Nutch
* **Build Tools:** Maven, Ant
* **Familiar with:** Machine Learning, Natural Language Processing, OSGI

Major Projects

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| **Project Name** | **Watson Labs** |
| **Organization** | IBM India Pvt. Ltd. |
| **Duration** | Dec 2012 – Till Date |
| **Technologies** | Apache UIMA, Apache Lucene, Apache Tika, Natural Language Processing, Machine Learning using Weka, Apache Hadoop, Structured/semi-structured knowledge sources like DBPedia, Freebase, Yago etc. |

**Description:**

Watson is a powerful cognitive computing System that rose to fame in 2011 when it beat the best of human competitors in the complex quiz show Jeopardy in the US. The systems uses Natural Language processing capabilities, machine learning and the vast quantities of data fed into it to directly and precisely answer questions posed in everyday human diction in seconds.

**Responsibilities:**

Working on cognitive computing platform which can precisely answer questions posed in everyday human diction, Unstructured Information Management and Data Analytics with strong focus on Natural Language Processing, Machine Learning, Information Retrieval and next generation Cognitive Systems using following technologies:

* Analysis of unstructured content using Apache UIMA
* Text Processing using Apache TIKA
* Search technologies using Lucene and Indri
* Natural Language Processing
* Machine Learning using Weka
* Large Scale data processing using Apache Hadoop stack
* Web mining using technologies like Nutch
* Large scale data storage using NoSQL DBs like HBase and CouchDB
* Using structured/semi-structured Knowledge sources like DBpedia, Wikipedia, Freebase, Yago etc.

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| **Project Name** | **Infinity On Demand** |
| **Organization** | SunGard Global Technologies |
| **Duration** | May 2011 – Dec 2012 |
| **Technologies** | Spring, JSF, JPA, OSGI, Spring DM, CXF, Camel, Workflow Engine |

**Description:**

This is SunGard’s PaaS offering which aims to reduce the cost of software projects by defining a software runtime environment with basic services such as UI Framework, Workflow, document management etc. It is SunGard’s cloud offering which provides a runtime environment with above services on demand for testing and production purposes and delivers these in multi-tenant fashion.

**Responsibilities:**

* Played a role of Architect.
* Create and manage Lifecycle framework which can be reused by ISB.
* Team Mentoring and coaching.
* Help enabling team to deploy Solution on runtime environment.

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| **Project Name** | **FTP On Cloud** |
| **Organization** | SunGard Global Technologies |
| **Duration** | Feb 2012 – March 2012 |
| **Technologies** | Apache FTPServer |

**Description:**

This project aims to provide FTP-as-a-Service on SunGard’s PaaS offering. This project allows every tenant to upload large files over FTP and store them in content repository.

**Responsibilities:**

* Design and implementation

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| **Project Name** | **Infinity SaaS Platform** |
| **Organization** | SunGard Global Technologies |
| **Duration** | Aug 2007 – April 2011 |
| **Technologies** | Spring, Hibernate, Struts, CXF, Workflow Engine |

**Description:**

This is SunGard’s SaaS offering which allows SunGard’s Financial Products to offer their Solutions to end customer as a SaaS Solution. It provides three main services namely Solution Registry (Asset repository for SunGard, industry and customer components and services), Solution Consumer (online "marketplace" where users can browse solutions and choose to trial or purchase them), Billing Hub (metering facility to collect, aggregate and track usage across solutions).

**Responsibilities:**

* Played role of Tech Lead
* Responsible for Requirement Analysis, design and implementation.
* Team mentoring

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| **Project Name** | **Storefront Portal** |
| **Organization** | SunGard Global Technologies |
| **Duration** | Jan 2010 – April 2011 |
| **Technologies** | JSF |

**Description:**

This is SunGard’s consumer portal where users can browse and purchase SaaS Solutions offered by SunGard’s financial products. It talks to Infinity SaaS Platform remotely for fetching data. It offers a custom page flow component where SunGard’s financial products can deploy their plugin and customize page flow for their Solution.

**Responsibilities:**

* Played role of Architect.
* Responsible for maintaining and implementing architectural changes for custom page flow component.
* Implementation and maintaining APIs so that other BUs can use it.
* Team mentoring.
* Helping enabling team to enable their Solution on SaaS Platform.

Personal Information

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| **Name:** | Anand Ramesh Rathi |
| **Date of Birth:** | 19th April 1982 |
| **Address:** | A-403, Poorva Heights, Sus Road, Pashan, Pune – 411021 |
| **Contact Number:** | +91 9673006602 |
| **Email:** | [rathiar\_194@yahoo.com](mailto:rathiar_194@yahoo.com) |