

# Unmesh S Kulkarni

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Highly competent and result oriented senior technical person with good experience on latest technologies like Hadoop and Cloud. Successfully played various roles in 14 years of IT career. Looking forward for good technical work and inspiring environment.

Snapshot	
Experience	14+ Years
Areas of work	Enterprise applications using Java EE, Cloud computing, Big Data
Roles played	Developer, Team Lead, Onsite coordinator, Project Manager, Designer, senior team member for upcoming technologies, Pre sales consultant.
Education	Bachelor of Engineering in Computer Science from Mumbai University, India

Tools and technologies	
Big data	Cloudera Hadoop, Sqoop, Flume, Infinispan, Hazelcast
Cloud and DevOps	Puppet, OpenStack, Novel Cloud, CollectD, RRD, Shell scripting, RHEL
Java EE	Struts, Spring, JBOSS, MariaDB, DB2, WebSphere, Maven, HTTPD

Employment summary			
2007–Present	Tieto <a href="http://www.tieto.com">www.tieto.com</a>	Lead developer, Consultant	Pune-India , Helsinki – Finland
2000–2007	Wipro Technologies <a href="http://www.wipro.com">www.wipro.com</a>	Developer, Onsite coordinator, Presales consultant, PM	Bangalore, Pune–India, San Francisco – US (on L1 Visa)
1998–2000	WebSurf Pvt Ltd <a href="http://www.websurfonline.com">www.websurfonline.com</a>	Developer	Mumbai – India

Recent Certifications
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- Cloudera certified Hadoop Developer (<http://goo.gl/L7jknB>)
- MongoDB for Java Developers by 10Gen (<http://goo.gl/PvhfXU>)
- Web Intelligence and Big Data by IIT Delhi by at Coursera (<http://goo.gl/xKGCZV>)

Few key roles and corresponding work profile
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Lead technical member for Big Data Team - Tieto (India) - 1.5 Years

Implementation of “Log archival and search” system using Hadoop for one of the leading Telco client  
The Telco client had a regulatory requirement to store logs of NATed(Network address translated) IPs for cellphone sessions by all its users for 1 year. The system has high data generation speed and high volume. The log generation speed was around 8Mb per second and storage size is around 50TB. It was expected that the data stored is searchable for specific queries. The system developed had log collection part implemented using Flume cluster and storage is done on HDFS. The queries are handled by Map Reduce jobs.

Responsibilities handled are

- Participation in designing of system
- Implementation of MR jobs
- Implementation of Flume cluster

Technologies: CDH4, Flume, HDFS, MR

TBDP (Tieto Big Data PAAS)

Tieto Big Data PAAS is a Hadoop platform offered by Tieto. The solution involves creation of Hadoop cluster on physical infrastructure. The cluster includes all basic components of Hadoop cluster like MRV1, Flume, Sqoop, Pig, Hive and HBase. The cluster is available in various flavors suitable for various needs

Responsibilities handled are

- Design and implementation of installer of the cluster. Installer uses Cloudera REST APIs to setup various roles
- Discovering various parameters for optimization and implementation of best practices.

Responsibilities other than projects

- Participation in various sales case POCs and sales support for Big Data
- Supporting sales team for various proposed technical solutions
- Participating in joint workshops with technology partners like Cloudera.
- Implementation of POCs for showcase of capabilities of the organization.
- Spreading awareness about big data within organization.

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Lead Developer for PAAS product - Tieto (India) - 1 Year

TOAS(aka OpenInfinity) Tieto's platform for enterprise applications. It is a collection of seamlessly integrated spring based Open Source products. The platform offers enterprise service bus (using Mule ESB), portal capabilities (using Liferay), Identity management (using OpenAM), and document management capabilities (using alfresco).

The work involved was

- Design and implementation of platform deployment system using Puppet.
- Implementation of Licensing modules which monitors number of requests for user
- Implementation of Health Monitoring tool that tracks overall health of the platform.

Technologies: Java, Hi-Chart, CollectD, RRD, Tomcat, Spring, Mule, Liferay, Alfresco, Puppet, HazelCast

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Lead Developer for JBOSS PAAS - Tieto (India) - 1 Year

JBOSS PAAS is optimized complete hosting stack (Database, Application Server, WebServer) for Java EE applications using JBOSS 6 application server.

The work involved was

- Design and development of JBOSS based hosting stack both in Standalone and Clustered manner
- L3 and L4 support for the hosted applications.(on need basis)

Technologies: Apache HTTPD, JBOSS 6, MariaDB, Mod jk, Puppet, Shell scripts.

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Lead Developer for Insurance product - Tieto (India) - 2 Years

LIS is an insurance product for Nordic market. Nordea is one of the important customers for the product.

Contribution

- Designing and implementation of various features of the product.
- Maintenance and bug fixing.
- Performance profiling of the product
- Performance improvement of product

Technologies: Java EE, Hibernate, Struts. Java memory profiler

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Technical PM for a migration project - Wipro Technologies for Citi Group - 1.5 Years

The project involved re-engineering project of migrating of legacy AS/400 system to new web-based system using EGL. EGL is 4th generation language developed at IBM.

Nature of work

- Estimation and Project planning
  - Work tracking
  - Quality process implementation and supporting quality audits
  - Project reporting to stakeholders
  - Internal and external communication
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Technologies and Tools: MS project, internal tools for project tracking.

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Team leader for Agent commission system - Wipro Technologies for North Western Mutual – 1.5 Years

The project involved development of system to record details of sales of insurance plans by agents. The system also gives facility to supervise the processing of sold plans. The system consisted of web base interface and off-line utilities. The system was developed using J2EE framework

The work involved was

- High level and low level designing
- Delivery responsibilities
- Design and code reviews
- Implementation of various modules
- Communication with client on regular basis
- Team mentoring

Technologies and Tools: JSP, JAVA, Struts, XML, DB2, WebSphere, RAD, MQ Series, PVCS

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Onsite coordinator/Maintenance Lead – Wipro Technologies for Charles Schwab, San Francisco, US - 3 Years

The work involved was

- Knowledge transfer of Java EE based applications to offshore team
- Coordination between customer and offshore team
- Maintenance of Java EE based applications
- Technical mentoring to offshore team.

Technologies: WebSphere application server, Java, Servlet, XML, Oracle, Ant, ClearCase

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Special Note

**Work Eligibility:** Seeking Visa/Work permit sponsorship. Currently not residing in US.