



Shiva Krishna Papini

Experience Summary

- Over **8** years of Professional experience in the application development & enhancement
- **2** years exclusive experience in **Hadoop**
- Hands-on experience in different components like **MapReduce, Apache Pig, Hive, Sqoop, and HBase**
- Fair knowledge on **YARN, Spark, Flume, MongoDB, Impala, Apache Mahout, Oozie, and Hadoop Cluster Setup** with different components of Hadoop eco-system
- Experienced working in Java and C++ languages in different platforms
- Worked in SQL for data storing/retrieving
- Experienced working in multi-threading and socket programming
- Excellent communication, interpersonal, analytical skills, and strong ability to perform as part of team
- Hard working and ability to learn new concepts

Employment Details

- Working as a **Assistant Consultant** in **TCS** from Aug'13 to till date
- Worked as a Technical Lead in Infosys Pvt. Ltd from Dec'11 to May'13
- Worked as a Senior Software Engineer in Wipro Technologies from Jul'10 to Dec'11
- Worked as a Senior Software Engineer in Tarang Software Technologies Pvt. Ltd from Nov'06 to Jun'10

Qualification

- B.Tech (EEE) from Sreenidhi Institute of Science & Technology with 71.2%

Technical Skills

Operating System:	Windows and Linux (Ubuntu)
Languages:	MapReduce, Pig, Sqoop, Pig, Hive, Hbase, Java, C++
J2EE Technologies:	JSP, Servlets, and JDBC
Frameworks:	Hibernate, and Spring
Databases:	Oracle and MySQL
Servers:	Tomcat 7.0
Domains:	Telecom, Banking, Point of Sale, Automotive, Gaming
Communication Protocols:	FTP, SFTP, ISO 8583, APACS, CTAP and EPAS protocol
Version Control Systems:	VSS, CVS, and Perforce
Others:	html/xml, IPC, TCP/IP, and Multithreading

Project Details

1. CDR Analytics

Platform & Technology: Linux, Hadoop and Java
Duration: Jan'14 to till date
Team Size: 5
Role: Lead

Description:

The aim of the project is to analyze Call Data Records from ~120+ node cluster. CDR is a data record produced by a telephone exchange that documents the details of a telephone call attributes of the call, such as time, duration, completion status, source number, and the destination number etc. The data is collected from various regions and the quantity of data starts from Giga Bytes. The focus was on the movement of data from Mysql DB to HDFS and process as per several needs stored in hive table for future reference. This data can be further represented by Tableau for visualization.

Responsibilities

- Leading the project and direct interaction with the client
- Have worked in Italy and transferred the knowledge to the offshore team
- Involved in requirement analysis by talking to stakeholders
- Helping team members in understanding the requirement
- Developing the code in MapReduce, PIG and Hive

2. Quality of Service - AXE Switch

Platform & Technology: Windows and Java
Duration: Sep'13 to Dec'13
Team Size: 8
Role: Lead

Description:

The aim of the project is to provide Quality of Service by configuring PCP and DSCP. Priority Code Point, a 3-bit priority field within an Ethernet frames header and Differentiated Services Code Point, an 8-bit differentiated services field in the IP header for packet. The data is taken from the client via web, processed in Java and stored in Oracle DB in tabular format.

Responsibilities

- Leading the project and direct interaction with the client
- Involved in requirement analysis by talking to stakeholders
- Helping team members in understanding the requirement
- Developing the code in JSP, Servlets using JDBC
- Worked in Tomcat server for deployment

3. Bank Guarantee

Platform & Technology: Windows and Java
Duration: Jan'12 to till date
Team Size: 10
Role: Lead

Description:

The aim behind this project is to enhance the features of Bank Guarantee for various banks. Bank Guarantee Will be used mostly when there is no trust between Importer/exporter. The data from client is taken via Web using html pages and processing the data using Java and storing the data in Oracle DB and the Guarantee details will be retrieved from DB if client requests from html pages.

Responsibilities

- Leading the project and direct interaction with the client
- Helping team members in understanding the requirement
- Preparing SRS/HLD
- Worked in Hibernate and Tomcat server for deployment
- Worked in SQL for data storing/retrieving
- Guiding the team in coding

4. Audi MIB Diagnosis

Platform & Technology Linux and C++
Duration Aug '10 to till Dec'11
Team Size 4
Role Lead

Description:

The aim behind this project is to Diagnose or test the different functionalities of different components in the car. Each component for example Media has different functionalities like whether play, pause, and eject etc working or not. To test each functionality, a configuration is required and the configuration generates an exe to test the functionality on Audi head unit and make sure the configuration is working fine for the respective functionality.

Responsibilities

- Leading the project and direct interaction with the client
- Have undergone the training in Germany and transferred the knowledge to the offshore team
- Involved in configuration
- Helping team members in understanding the requirement

5. EPAS EMV POS application

Platform & Technology	Linux and C++
Duration	Dec'08 to June' 10
Team Size	4
Role	Developer

Description: The Banksys XENTA POS terminal software enables merchants to process credit/debit cards for different transactions. This application is developed for entire Europe markets. The aim of this application is to provide EMV transactions like Sale, Pre-auth, Refund, Cancellation, Completion, Voice Referral and Voice completion transactions to the customers.

This device and application are mainly designed to meet the requirements of Europe countries and one application for all Europe countries..exe to test the functionality on Audi head unit and make sure the configuration is working fine for the respective functionality.

Responsibilities:

- Direct interaction with the client
- Involved in inheritance
- Involved in threads

6. Generic Malaysia Application for T42xx Terminal

Platform & Technology	Linux and C++
Duration	Dec'06 to Mar'08
Team Size	7
Role	Developer

Description:

The POS (Point-Of-Sale) terminal software enables merchants to process credit/debit card, gift, Prepaid, Fleet (service stations) card transactions. This application is developed for Malaysia. The aim of this application is to provide more security to transactions with features of external pin-pad, check reader. This supports swipe, contactless card read and manual entry for all type of cards and supports multiple hosts with dual transaction.

Responsibilities:

- Involved in handling the contact less device
- Communication between PayPass reader and pos terminal
- Communication to different hosts, with bit mapping (TCP/IP)
- Updating journal and batch for offline and online transaction
- Implementation of PayPass Sale transaction

Personal Details



Father's Name : P. Rajeshwar
Date of Birth : 13-02-1984
Marital Status : Married
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