* + - 1. **PERSONAL PARTICULARS**

**Name**: Wang CuiCui

**Resident Location:** Japan

**Working Experience:** 7 years

**Education Background**

**University:** Science and technology University of Liaoning(China)

**From:** 2007/9  **To:** 2011/07

**Degree:** Bachelor

**GPA:** 95/100

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* + - 1. **Summary:**

• Having 7 years of experience in various IT sectors such as banking, health-care, and financial services, which includes hands-on experience in Big Data technologies.

• **2+ years of experience as a Hadoop Developer in all phases of Hadoop and HDFS development.**

• Hands on experience with HDFS, MapReduce and Hadoop Ecosystem (**Pig, Hive, Oozie, Hbase, Sqoop, Zookeeper, Kafka and Flume)**.

• Well versed with developing and implementing MapReduce jobs using Hadoop to work with Big Data.

• Full-scale knowledge of Hadoop components such as HDFS, Job Tracker, Name Node, Data Node.

• **Have experience with Spark processing Framework such as Spark, Spark Sql, Scala and Kafka.**

• **Experience in NoSQL databases like HBase, MongoDB and Cassandra.**

• **Procedural knowledge in cleansing and analyzing data using HiveQL, Pig Latin, and custom MapReduce programs in Java.**

• **Experienced in writing custom UDFs and UDAFs for extending Hive and Pig core Functionalities.**

• Ability to develop Pig UDF'S to pre-process the data for analysis.

• Experience in importing and exporting data using Sqoop from HDFS to Relational Database Systems (RDBMS), Teradata and vice versa.

• Skilled in creating workflows using Oozie for cron jobs.

• Experienced with Java API and REST to access HBase data.

• **Worked extensively with Dimensional modeling, Data migration, Data cleansing, Data profiling, and ETL Processes features for data warehouses.**

• Hands on experience in PERL Scripting and Python.

• Extensive experience with SQL, PL/SQL and database concepts.

• **Good experience working with Distributions such as MAPR and Cloudera.**

• Experience in all stages of SDLC (Agile, Waterfall), writing Technical Design document, Development, Testing and Implementation of Enterprise level Data mart and Data warehouses.

• Good Inter personnel skills and ability to work as part of a team. Exceptional ability to learn, master new technologies and to deliver outputs in short deadlines. Delivery Assurance - Quality Focused & Process Oriented.

• Ability to work in high-pressure environments delivering to and managing stakeholder expectations.

* + - 1. **Technical skills**

**Tools/IDE:** Hadoop/Big Data: HDFS, MapReduce, HBase, Pig, Hive, Sqoop, Spark, Scala,Kafka, Zookeeper, Impala, flume, Storm, Oozie MongoDB and Cassandra. Intellij IDEA, Eclipse, NetBeans, MyEclipse

**Methodologies**: Agile, UML, Design Patterns (Core Java and J2EE)

**Programming:** Java, J2EE, XML, Unix Shell scripting, HTML, JDBC, JSON, JSTL, RMI, JMS, Java Script, JSP, Servlets, EJB, Struts, Struts2, jQuery, SpringJPA, SpringMVC

**Operating Systems**: Windows 7/8/10, UNIX, Linux, Ubuntu, CentOS, MacOS

**Issue ticket management:** JIRA

**Cloud documentation management:** Confluence

**Unit Test Tool:** Mockito, Power Mock

**Project Management:** Maven, Jenkins

* + - 1. **Web Development**

• Specialized in Java SE, OOP Java Programming and Java API, Object Serialization, reading and writing in xml and Json, Java multi-threads

• Expert in Oracle, Mysql database development and SQL programming, use foreign keys constraints,

indexing, trigger, view, databases optimization strategy and isolation level

• Specialized in JDBC programming in Java

• Familiar with WEB progamming includes javascript, html and css

• Familiar with Python WEB progamming using framework Django

• Familiar with Python data grabber using framework Scrapy

• Specialized in Servlet, JSP and filter/listener programming

• Specialized in Ajax and Jquery programming

• Specialized in Spring framework, IoC and AOP Principle

• Specialized in Spring+SpringMVC+MyBatis Integrated framework

• Specialized in Hibernate ORM, one-to-one, one-to-many, many-to-many configuration, HQL programming.

• Specialized in Struts2 framework and interceptor principle

• Specialized Spring+Struts2+Hibernate Integrated framework

• Specialized in SVN, GIT Version Control tools

• Specialized in Junit

• Specialized in maven Project Management

• Specialized Linux commands

• Specialized with Restful API

• DataBase: DB2, Oracle 11g, PostgreSql, MySQL, SQL server, Pl/SQL

**LANGUAGES**

English Proficient

Chinese Native Speaker

French Beginner

Japanese Proficient

* + - 1. **WORK EXPERIENCES**

**Company 4-Name:** Robert Walters株式会社 (Tokyo, Japan)

**Duration:** 2018.06-now

**Position:** Hadoop engineer

**Company 3-Name:** SLAB株式会社 (Tokyo, Japan)

**Duration:** 2017.01-2018.05

**Position:** Java and Hadoop senior engineer

**Company 2-Name:** 誠信システムズ株式会社 (Tokyo, Japan)

**Duration:** 2014.12-2016.12

**Position:** Java senior engineer

**Company 1-Name:** Dalian Camelot (Dalian, China)

**Duration:** 2011.7-2014.09

**Position:** Java andCOBOL engineer

* + - 1. **Project Experiences**

**Great Merchant System**

**Role**: Hadoop Developer

**Duration:** Aug 2016-Present

**Project Detail:**

**Environment:** GCP(Google Cloud Platform), Map Reduce, HDFS, HBASE, Zookeeper, AWS, FLUME, YARN, H Catalog, Hive, Pig, SQL, Sqoop, Spark, Spark Sql, Scala, Oozie, Shell scripting, Cron Jobs, Apache Kafka, J2EE.

**Responsibilities:**

**.** Worked on Hadoop cluster scaling from 4 nodes in development environment to 8 nodes in pre-production stage and up to 24 nodes in production.

**.** Involved in complete Implementation lifecycle, specialized in writing custom MapReduce, Pig and Hive programs.

**.**  Involved in loading and transforming large sets of structured, semi structured and unstructured data from relational databases into HDFS using Sqoop imports.

**.** Developed Sqoop scripts to import export data from relational sources and handled incremental loading on the customer, transaction data by date.

**.** Exported the analyzed data to the relational databases using Sqoop for visualization and to generate reports for the BI team.

**.** Extensively used Hive/HQL or Hive queries to query or search for a particular string in Hive tables in HDFS.

**.** Experience in developing customized UDF's in java to extend Hive and Pig Latin functionality.

**.** Created HBase tables to store various data formats of data coming from different sources.

**.** Good knowledge on building Apache spark applications using Scala. Performed advanced procedures like text analytics and processing, using the in-memory computing capabilities of Spark using Scala.

**.** Used Apache Oozie for scheduling and managing the Hadoop Jobs. Knowledge on HCatalog for Hadoop based storage management.

**.** Expert in creating and designing data ingest pipelines using technologies such as spring, Integration,Apache Storm-Kafka.

**.** Used Flume extensively in gathering and moving log data files from Application Servers to a central location in Hadoop Distributed File System (HDFS).

**.** Implemented test scripts to support test driven development and continuous integration.

**.** Dumped the data from HDFS to MYSQL database and vice-versa using SQOOP

**.** Responsible to manage data coming from different sources.

**.** Used File System check (FSCK) to check the health of files in HDFS.

**.** Developed the UNIX shell scripts for creating the reports from Hivedata.

**.** Experienced on loading and transforming of large sets of structured, semi structured and unstructured data.

**.** Involved in the pilot of Hadoop cluster hosted on AmazonWebServices (AWS)

**.** Extensively used Sqoop to get data from RDBMS sources like Teradata

**Portal Website System Construction**

**Role**: Front-End and Back-End Java Senior Engineer

**Duration**: Dec 2014- June 2016

**Project Detail:**

The Telephone Management System of SoftBank

**.** Application Server(Tomcat7.0) Configuration, Administration, and Performance Optimize

**.** Write automated test cases in Java and JavaScript, using Junit

**.** JavaScript coding with JQUERY, HTML, CSS and JSP

**.** Source code version management through GIT

**.** Bug fixing and maintenance of product

**.** Develop JSP, ACTION, Service, DAO for the project

**.** Make website migration

**.** Create the external design and internal design as per the requirement from client.

**.** Unit Test by Junit and Integration Test on Server side, bug fix.

**.** SQL and JVM Tuning.

**Server:** Tomcat 7.0

**Project Management**: Maven, Jenkins

**Develop Tool:** JSP

**Data Structure:** PL/SQL

**Platforms:** Win7

**Languages/Scripting:** JAVA, HTML, JavaScript

**Test Tool:** Junit

**Version Control:** GIT

**J2EE Technology:** JSP, Servlet, Struts2

**TOOLS/IDE:** Eclipse

**DataBase:** MySQL

Tokyo Electricity System

**Role**: Front-End and Back-End Java Engineer

COBOL system-oriented migration

**Duration**: Aug 2012 - Sep 2014

**Project Detail:**

The Customer Electricity Usage Management System of Tokyo Electricity

**.** Application Server(Tomcat7.0) Configuration, Administration, and Performance Optimize

**.** Write automated test cases in Java and JavaScript, using Junit

**.** JavaScript coding with JQUERY, HTML, CSS and JSP

**.** Shell coding under Linux to call Java program

**.** Source code version management through GIT

**.** Create the external design and internal design as per the requirement from client.

**.** Unit Test by Junit and Integration Test on Server side, bug fix.

**.** SQL and JVM Tuning.

**Server:** Tomcat 7.0

**Platforms:** Windows 7/Eclipse, Z/OS

**Languages/Scripting:** JAVA

**COBOL Technology**: COBOL, TSO, TSO/ISPF, File-Aid, VSAM, Expediter, ChangeMan, JCL

**Web Technologies:** HTML, JavaScript

**Data Structure:** SQL

**Project Management**: Maven, Jenkins

**Version Control:** GIT, SubVersion

**J2EE Technologies:** JSP, Servlet, Struts

**Test Tool:** JUnit

**TOOLS/IDE:** Eclipse

**DataBase:** PostgreSQL, DB2