

SOFTWARE PROGRAMMER

Summary

- Senior Software Engineer with 2+ years in analysis, design, development, testing and implementation of various Object Oriented Programming, Data Science and Big-Data technologies.
- Expertise in understanding business requirements and can analyze and choose the tools that best meet the needs.
- Good working knowledge and hands-on experience with Hadoop technology stack (HDFS, Map Reduce, Hive, Pig, HBase, Spark, Zookeeper, Flume and Sqoop).
- Experience in setting up and Running Map Reduce Jobs in both the Cloudera distributed cluster and Amazon EC2 cluster with multiple nodes.
- Involved in developing BDR strategies (Backup and Disaster Recovery) and developed few use-cases that assured functionality in HBase.
- Expertise in creating Hive Internal/External Tables/Views using shared Meta store, writing scripts in HiveQL also data transformation & file processing using Pig Latin Scripts.
- Specialized in doing NoSQL Database / Data warehousing performance tuning and optimization.
- Experience in using Apache Flume for collecting, aggregating and moving large amounts of data from application servers.
- Wide exposure with databases including MySQL, PL/SQL and MS SQL Server involving writing Stored Procedures and Triggers.
- Strong exposure in development of web Applications using Core java, Servlets, JSP, JDBC, EJB, Struts and Hibernate frameworks.
- Experience in developing and deploying applications using Apache Tomcat servers. Good knowledge of implementing the Scripting languages such as HTML, Java Script, CSS and XML.
- Good knowledge in J2EE Design Patterns.
- Experience of working with various verticals (Retail, Insurance, E-commerce, Digital Media & Entertainment, Pharma and Internet Apps).
- Part of social coding and attended various meet-up and technology groups. Active participant in the Cloudera community blog and GitHub.

Highlights

- Core Java, C#
- Expert in Apache Hadoop, Map Reduce, HBase, Spark, Flume, Hive
- Platforms/Technologies : J2EE (Servlets, JSP, JDBC, EJB)
- Frameworks : Struts 1.3, Hibernate, Hadoop
- Web/App Server: Apache Tomcat, GlassFishServer
- Web Technologies : XML, HTML, CSS, Java script
- RDBMS : Oracle, MS SQL
- IDE : Net Beans, MyEclipse
- Operating Systems : Windows XP SP 3, UBUNTU 13.04

Experience

Software Programmer 02/2015 to Current Quantitech Huntsville , AL

Intelligent Customer Analytics (IC-360TM) IC-360 product enables organizations to research, analyze and discover customer behavioral patterns by leveraging various sources of data like social media data (i.e. Facebook, Twitter, chats, comments, reviews and other micro blogs), company's transaction data and User defined data source. It also gives a consolidated view of particular brand, product or service from a social media customer perspective, Single Customer View (SCV) and the vision that marketers can truly understand their customers across all the channels.

- Responsibilities Installed and configured Cloudera Manager for easy management of Hadoop cluster.
- Worked on setting HA Name node cluster and designed automatic fail over control using zookeeper and quorum journal nodes.
- Collaborated in using Sqoop tool for transferring data from RDBMS to HDFS.
- Involved in collecting and aggregating large amounts of streaming data into HDFS using Flume and defined channel selectors to multiplex data into different skins.
- Thoroughly tested Map reduce programs using MRUnit and JUnit testing frameworks.
- Converted existing SQL queries into Hive queries. Coordinated in storing the extracted data from social media API into HDFS using Flume.
- Serializing json data and storing the data into tables using Hive. Responsible for performing peer code reviews, troubleshooting issues and maintains status report.
- Worked on batch processing data using Apache Hadoop, Map reduce and Pig.
- Took active participation in writing shell scripts to automate the process flow. Worked in Visualizing data in the form of graphs plots using R.
- Programmed in an object-oriented programming language with an eye toward code abstraction and reuse.

Environment Apache Hadoop, Flume, Hive, Pig, Web Crawler, Elastic Search, HBase, R, Maven.

Java Developer 01/2012 to 11/2013 Amentum

Project Description

- Intelligent Command And Control Centre (IC3) - is a client server application which is used to control automatically several devices like AC control, Lights etc.
- And it will display the information about several devices status in the screen for the user information.
- If the bank customers or employees close the business day from bank then it will automatically switching off the AC control, Lights by using sensor.

Responsibilities:

- Involved in requirement and impact analysis, designing the enhancements across the various modules and development using java/J2EE technologies across all layers.
- Coding for reported Issues, developing and enhancements Involved in client discussions for the requirements collection.
- Developed common reusable components to be used across applications.
- Provided production support and involved in production log monitoring to find issues in production and resolving them Provided support at times when the enhancement is in UAT and when deploying the files to production.
- Status updating are providing to my immediate supervisor and other superiors in the form of WOW report (weekly) and project chronicle (every fortnight).

Java Developer 09/2011 to 02/2012 Amentum Annapolis Junction , MD

Project Description

- E-Gateway is a software product that monitors the entire employee data in an organization with the interaction of hardware tool using proximity cards. This software provides an efficient way of organizing the internal attendance status, payrolls and Leave information of organization. This automation reduces the burden in manual implementation of calculating payrolls, Attendance, Leave System etc. Total system is going to be deployed on dedicated server. Here we have organized the proximity device Database in such a way that any person swiped his proximity card towards proximity device, in/out logs are triggered towards database, at this moment by using data collector setup we get the total logs from proximity device. The total system is going to be integrated with application by providing individual user credentials varying with roles (user/Administrator/Super administrator)

Responsibilities:

- Analyzing the Requirements and preparing the Technical Specification the Features.
- Sprint Planning and Estimation.
- Reviewing code and performing the Unit testing.
- Developing use cases across placement Modules.
- Bug fixing across module.
- Doing impact analysis for some defects and change request.
- Involved in Coding & analyzing Technical impacts with new enhancements.

Education

Masters : Computer and Information Science 2015 Southern New Hampshire University City , State , USA Graduated with 3.7 GPA

Bachelors in Information Technology : Information Technology 2011 JNTU City , State , INDIA Secured Distinction

Additional Information

- Achieved best student award for the year 2010-11 from Aurora's Engineering College.
- Achieved first place in Science program for the exhibition of harnessing energy with leaves at my school level.

Skills

Apache, automation, client server, Hardware, CSS, client, Database, designing, Eclipse, Eclipse 3.3, EJB, Features, Gateway, HTML, IDE, J2EE, Java, JSP, Beans, JavaScript, Java script, JDBC, Languages, C#, Windows XP, monitors, Operating Systems, Oracle, organizing, Coding, RDBMS, requirement, Servlets, Specification, MSSQL, MS SQL, Struts 1.2, Struts1.3, supervisor, Tomcat, XML