

P. SAKTHIDHARAN ASHWIN

MOBILE NO :9884721602

EMAIL ID:sakthidharanp@gmail.com

LINKED-IN URL : <https://www.linkedin.com/in/ashwinsakthi>

STACKOVERFLOW : <http://stackoverflow.com/users/1314508/ashwinsakthi>

CODEMENTOR : <https://www.codementor.io/ashwinsakthi>

Objective:

Visionary and innovative technologist seeking challenging position in the high-tech industry to make the most of my technical background, customer focus, creativity, passion, industry experience, and leadership skills.

Experience Summary:

- Part of PayPal's AWF training Group Conducting Hands-On sessions in Hadoop, Hive, Spark and Elastic Search.
- Oracle Certified Java Professional - Java SE 6 Programmer.
- MapR Certified Spark developer - DEV 360 - Apache Spark Essentials.
- Mongo-DB certified Professional - Mongo-DB University.
- Having over 9 Years of experience in Software development and design.
- Hands on experience in software development using JAVA/J2EE (Spring Boot, REST, Swagger, SOAP).
- Attended Hadoop workshop in Bank of America.
- Winner of Silver and Bronze awards for excellent technical contribution in Implementation of REST POC to migrate the entire suite of apps from SOAP to REST and Hadoop implementation in my current organization (Bank of America).

Technical Skills:

| | | |
|------------------------|---|---|
| Operating Systems | : | Windows, Linux. |
| Programming Languages | : | JAVA, Scala. |
| Big Data | : | Hadoop, Hive, Spark. |
| RDBMS | : | Oracle, MSSQL. |
| Persistence Tools | : | Hibernate, JDBC Template. |
| IDE | : | Eclipse, IntelliJ, IBM RAD. |
| SOA | : | SOAP and REST Architecture. |
| Framework | : | Spring, Spring Boot. |
| Tools | : | Jrebel, WinSCP. |
| NOSql | : | MongoDB, HBase, Elastic Search |
| Devops | : | Docker. |
| Version Control | : | Subversion (Tortoise SVN), Accurev, GitHub. |
| Build Tools | : | Maven, Ant, SBT |
| Continuous Integration | : | Jenkins. |
| Cloud | : | AWS Basics. |

Professional Experience Profile:

- Working as a Data Engineer at PayPal (Through Cognizant) from February 2017.
- Worked as a Senior Technical Lead at EY from August 2016 to February 2017.
- Worked as a Senior Software Analyst in Bank of America from January 2014 to August 2016.
- Worked as Consultant Application Development at CSC (Computer Science Corporation Pvt. Ltd) from April 2012 to December 2013.
- Worked as Analyst for R Systems International Ltd. (CMM Level 5) Chennai from April 2010 to November 2011.
- Worked as Analyst Programmer for Syntel Ltd from November 2011 to March 2012.
- Worked as Software Engineer in Infoplus Technologies UK Ltd. Chennai from Jan'2009 to March'2010.

Projects (In Descending Order):

| | | | |
|-------------------------|----------------------------------|-------------------|---------------|
| Project Name | Merchant Dashboard and Reporting | Start Date | February 2017 |
| Client | PayPal | End Date | - |
| Project Location | Chennai | | |

Project Description:

To visualize the trends observed between various merchants of PayPal and how they fare against competition. A graph is shown about the comparison with the current retailer measured against Domestic rivals , Cross-Border rivals . Sales trends is also shown based on the data received about the total business done, transactions processed and gross TPV w.r.t week wise, month wise, year wise or performance during events. Data is transformed and inserted into Elastic Search indexes using Spark and Kafka. And various aggregations are performed using elastic search and visualized using Kibana. The framed Elastic Search JSON queries are read through REST API calls implemented using Swagger and fed to a Front-End system based on React which is visible to the user.

| | |
|--------------------------------|-------------------------|
| Role / Responsibilities | Lead / Developer |
|--------------------------------|-------------------------|

Contribution:

- Interaction with Client and Business team to understand the requirements.
- Involved in framing Elastic Search queries and creating API calls from a Java based REST web service.
- Responsible for creating a Spark job to feed Kafka with formatted data from raw data, to insert data into elastic search indexes.
- Involved in Unit testing activities and test data preparation for various business requirements.

Environment:

REST API, Swagger UI, Spark, Kafka, Hive, Elastic Search, Kibana, Windows 7/XP

| | | | |
|-------------------------|--|-------------------|---------------|
| Project Name | Teradata BTEQ to Spark SQL conversion using Scala. | Start Date | February 2017 |
| Client | PayPal | End Date | - |
| Project Location | Chennai | | |

Project Description:

To automate the conversion of existing Teradata BTEQ scripts to Scala scripts which can be run in a Spark cluster. All existing table will be migrated as Hive external tables and based on which the scala code would be written to achieve the same functionality of a BTEQ but with a better performance.

| | |
|--------------------------------|-------------------------|
| Role / Responsibilities | Lead / Developer |
|--------------------------------|-------------------------|

Contribution:

- Interaction with Client and Business team to understand the requirements.
- Involved in the major bulk of conversion activities from BTEQ to scala.
- Involved in Unit testing activities and test data preparation for various business requirements.

Environment:

Spark, Scala, Hive, BTEQ, Windows 7/XP

| | | | |
|-------------------------|--------------------------------------|-------------------|----------------|
| Project Name | HRM - Human Relationship Management. | Start Date | September 2014 |
| Client | Bank of America | End Date | August 2016 |
| Project Location | Chennai | | |

Project Description:

Part of Client & Account Data BI group's Big Data initiative and to support various relationships between the client and his household .This includes maintaining the traits and influence levels held by the members of the household on the actual account holder. This enables the bank to keep track of potential High Net worth Clients even though they might not be directly holding an account.

| | |
|--------------------------------|-------------------------|
| Role / Responsibilities | Lead / Developer |
|--------------------------------|-------------------------|

Contribution:

- Interaction with Client and Business team to understand the requirements.
- Involved in framing architecture of Hadoop landing area, staging area and full view for effective logical partitioning of data loaded from different sources.
- Created Hive DDLs, HQLs for storing ,accessing and transforming data in HDFS.
- Sourcing data from RDBMS (using Sqoop), transformation of data using Pig Latin or Hive.
- Build Shell scripts to load the data from different source systems into Hadoop landing tables.
- Involved in creating Spark Jobs and HIVE queries by following best coding standards.
- Involved in Unit testing activities and test data preparation for various business requirements.

Environment:

Hadoop, Sqoop, Hive, PIG, Oracle 11G, Windows 7/XP

| | | | |
|-------------------------|--|-------------------|--------------|
| Project Name | Implementation in Informatica Identity Resolution-IR HUB | Start Date | January 2014 |
| Client | Bank of America | End Date | August 2016 |
| Project Location | Chennai | | |

Project Description:

Part of Client & Account Data BI group to support Bank and Brokerage customers. The system is managing the data between 6 different wealth management systems and providing them real time access to data. The Data is managed within MDM Solution such that duplication is prevented and consumer gets access to all systems at once, eventhough it might have been operated with different channels. Involved in Integration project between Bank of America and Merrill Lynch, Enterprise customer information, Single version of the customer information, Identify same customer using MDM and IR/MDM-RE solution, Custom Framework, Custom Web Service solution to support client and account data for the Bank and Brokerage clients.

| | |
|--------------------------------|-------------------------|
| Role / Responsibilities | Lead / Developer |
|--------------------------------|-------------------------|

Contribution:

- Coding and Requirement gathering.
- Initial Design and Framework decision, involved in various POCs before DEV team can start working towards the final solution.
- Has Very Good Business understanding on Global Wealth Management Technology.
- Has expertise in various application servers like Web Sphere 7,Glassfish.
- Designed and Implementation experience of SOA and REST Architecture.

Environment:

JDK1.6, Webservices (SOAP and REST), Spring JDBC Template, Siperian MDM (Informatica),Oracle 11G, Windows 7/XP

| | | | |
|---------------------|--|-------------------|-----------|
| Project Name | Authenticated Prospect Implementation. | Start Date | June 2014 |
|---------------------|--|-------------------|-----------|

| | | | |
|-------------------------|-----------------|-----------------|-------------|
| Client | Bank of America | End Date | August 2016 |
| Project Location | Chennai | | |

Project Description:

Part of Client & Account Data BI group's initiative to support online opening of Brokerage accounts for potential customers by giving them an experience of how the system behaves before actually enrolling as a customer. Once customer is not satisfied he can opt out of the program whilst if he is satisfied he can enroll opening an account by the click of a button. This minimizes huge amount of paper work, Welcome Kit etc. Thereby saving the bank huge amount of time and money.

| | |
|--------------------------------|-------------------------|
| Role / Responsibilities | Lead / Developer |
|--------------------------------|-------------------------|

Contribution:

- Coding and Requirement gathering.
- Initial Design and Framework decision, involved in various POCs before DEV team can start working towards the final solution.
- Unit testing and debugging.
- Excellent Customer Interaction.
- Has Very Good Business understanding on Global Wealth Management Technology.
- Has rich experience in developing projects using Java/J2EE.

Environment:

JDK1.6, Web Services (SOAP and REST), Spring JDBC Template, Siperian MDM (Informatica), Oracle 11G, Windows 7/XP

| | | | |
|-------------------------|--|-------------------|---------------|
| Project Name | Proof of Concepts: To migrate to REST from SOAP Webservices. Migrating builds from Ant to Maven. | Start Date | January 2015 |
| Client | Bank of America | End Date | February 2015 |
| Project Location | Chennai | | |

Project Description:

Successfully migrated a suite of SOAP webservice implementations in microservices architecture to different REST implementations using Jersey and CXF and was able to introduce various flavoursof the implementations. Also was able to migrate the project from ant to maven build .

| | |
|--------------------------------|-------------------------|
| Role / Responsibilities | Lead / Developer |
|--------------------------------|-------------------------|

Environment:

JDK1.6, Soap/REST WebServices, Spring JDBC Template, Apache CXF, Jersey, Siperian MDM (Informatica), Oracle 11G, Windows 7/XP

| | | | |
|---------------------|---|-------------------|----------------|
| Project Name | Weld Quality Reporting in Car Assembly Plants | Start Date | September 2012 |
|---------------------|---|-------------------|----------------|

| | | | |
|-------------------------|--------------------|-----------------|---------------|
| Client | Ford Motor Company | End Date | December 2013 |
| Project Location | Chennai | | |

Project Description:

The objective of the project is to determine the quality of the welds used in the different assembly parts of the Cars manufactured in various plants of FORD all over the world. There are different Weld types which involve different levels of discrepancies that are permissible in them. Teardown is a process that determines on whether a Group of welds normally grouped into 10 to 20 welds per group contains the allowed number of failures in them and whether they can be allowed to be used in the plants. The project also involves generating various excel reports for analysis on the Welds being used in the plants.

| | |
|--------------------------------|------------------|
| Role / Responsibilities | Developer |
|--------------------------------|------------------|

Contribution:

- Coding and Requirement gathering.
- Unit testing and debugging.
- Excellent Customer Interaction.
- Attended daily stand up meetings as part of AGILE practices followed during the project.

Environment:

JDK1.6, Struts MVC, JSTL, EL tags, Servlets, JSP, Oracle 11G, Windows 7/XP

| | | | |
|-------------------------|--------------------|-------------------|-----------|
| Project Name | APE | Start Date | June 2012 |
| Client | Ford Motor Company | End Date | Dec 2012 |
| Project Location | Chennai | | |

Project Description:

The objective of the project is to provide new enhancements as requested by the client (Primarily The Infrastructure and Business Office teams of FORD) which will aid the APE application user.

- The Infrastructure team manager can view who is working on what task for what duration by the reports generated by us.
- There would also be reports for calculating Head Count, Attrition and Seat Occupancy data.
- New Online methods would replace orthodox methods of raising requests for Laptops and other assets for new and existing employees.

This system will be the source of information that FORD Admins will use to manage vendor and ford employees including all the assets assigned to them by the company like laptop, desktop, seat, id cards etc...

| | |
|--------------------------------|------------------|
| Role / Responsibilities | Developer |
|--------------------------------|------------------|

Contribution:

- Coding and Requirement gathering.
- Unit testing and debugging.
- Excellent Customer Interaction.
- Attended daily stand up meetings as part of AGILE practices followed during the project.

Environment:

JDK1.6, Spring MVC, Hibernate, Servlets, JSP, Oracle 11G, Windows 7/XP

| | | | |
|---------------------|------|-------------------|----------|
| Project Name | DORF | Start Date | May 2012 |
|---------------------|------|-------------------|----------|

| | | | |
|-------------------------|--------------------|-----------------|--------------|
| Client | Ford Motor Company | End Date | October 2012 |
| Project Location | Chennai | | |

Project Description:

- DORF is a system used by FORD for maintaining employee timesheets and other financial data like project forecasts etc.
- Currently DorF team maintains a separate database that houses employee personal data on the DorF application. Changes made to employee personal information in PeopleSoft HR are not reflected on the DorF application.
- The change will eliminate duplicate effort of manually entering employee HR data in DorF. Hence after the change DORF salaried and supplemental employee data will be updated regularly and will remain in sync with PeopleSoft HR avoiding data inconsistency issues.
- My task was to get bulk user data in csv format and do a set of complex validations involving current records and new records which involved a lot of data processing and make sure the data is populated successfully in the DB.

| | |
|--------------------------------|------------------|
| Role / Responsibilities | Developer |
|--------------------------------|------------------|

Contribution:

- Coding and Requirement gathering.
- Unit testing and debugging.
- Attended daily stand up meetings as part of AGILE practices followed during the project.

Environment:

JDK1.6, Struts MVC, Servlets,JSP,EJB 2.1,Display Tag, Oracle 11G, Data Structures.

| | | | |
|-------------------------|------------------------------------|-------------------|--------|
| Project Name | Global Generic Interface (GGI) | Start Date | Apr'10 |
| Client | GE Money (Mexico, Russia, Denmark) | End Date | Jul'11 |
| Project Location | Chennai | | |

Project Description:

GGI (Global Generic Interface) is an interface solution for interfacing any Front End System to the NBSM Decision Agent. It provides integrated workflow to call Credit Bureaus, Instinct & ASA Fraud Models and localization facilities for risk policy executions. Level 2 (L2) and Level 3 (L3) Application Support is being carried out for businesses where GGI (v3, v3+, v4 and IFM) and the associated interfaces (such as CBM / Instinct if applicable) are implemented

Strategy Design Studio is used to define the rules governing the strategies for customer acquisition or customer management. It enables you to centralize decision making and set strategies simply and quickly, providing a flexible, consistent and effective operation. By using Strategy Design Studio, any organization is able to acquire and maintain relationships with the right type of customers to achieve long-term strategic objectives.

| | |
|--------------------------------|---|
| Role / Responsibilities | Developer and Primary Support Contact. |
|--------------------------------|---|

Contribution:

- Provided Application Support with strict SLA Compliance.
- Involved in completing the change requests from client.
- Preparing Test Cases and Impact Analysis Documents as per business requirement.
- Unit testing and debugging.
- Excellent Customer Interaction.
- Recommended for Onsite (Denmark) after performing exceedingly well.

Environment:

JDK1.6, XML, Web Service(SOAP), Glassfish, Oracle 9i/10g/11G.

| | | | |
|---------------------|-------------------------------|-------------------|--------|
| Project Name | Examination Management System | Start Date | Jan 09 |
|---------------------|-------------------------------|-------------------|--------|

| | | | |
|-------------------------|-----------------|-----------------|--------|
| Client | Anna University | End Date | Mar 10 |
| Project Location | Chennai | | |

Project Description:

The objective of the project is to create an online system in which the entire process of Examination is managed by us from Hall Ticket Generation to Mark Sheet Preparation.

| | |
|--------------------------------|------------------|
| Role / Responsibilities | Developer |
|--------------------------------|------------------|

Contribution:

- Coding and Requirement gathering.
- Unit testing and debugging.

Environment: JDK1.6, Swing, Oracle 10g.

Educational Qualification:

| EXAMINATION | SCHOOL/COLLEGE | EXAMINING AUTHORITY | MARKS | MONTH/YEAR OF PASSING |
|---------------|-------------------------------------|--|--------|-----------------------|
| BE(ECE) | SRM Valliammai Engineering College. | Anna University | 66 % | May 2008 |
| H.S.C (10+2) | S.T.Patricks A.I.H.S.S. | Department of Govt. Examinations Chennai, Tamil Nadu. | 91.2% | March 2004 |
| A.I.S.L.C(10) | S.T.Patricks A.I.H.S.S. | Anglo Indian Board for Secondary Education | 88.3 % | March 2002 |

Personal Details:

Father's Name : T.N. Pandian
 Address for Communication : Old no: 27, New No: 61, 3rd Main Rd, Gandhi Nagar, Adyar, Chennai-20.
 Date of Birth : 03-11-1986
 Marital Status : Married
 Languages Known : English, Tamil and French
 Passport Number : R7313838
 PAN Number : BXRPS1169M

Declaration:

I hereby confirm that the above information provided by me is true to the best of my knowledge and belief.

Yours faithfully,

Place: Chennai

Date:

(P.SAKTHIDHARAN ASHWIN)