



Vijayanantham Sahadevan

Seeking the challenging role to contribute and grow along with the organization.

Contact:

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Present Address:

PLOT.NO.27-B, Manickam Nagar, 5th street,
Noothencherry, MADAMBAKKAM
Chennai -126
Tamil Nadu
India.

Personal Data:

Father's Name: Sahadevan A
Date of Birth : 21.05.1986
Age : 34 Years
Sex : Male
Nationality : Indian
Marital Status : Married

TECHNICAL SKILLS SET:

Programming Languages: C, Pro*C, PL/SQL, Oracle, Unix, C++,
Scala, Python.
Data Eco System: Hadoop, Sqoop, Oozie, Hive, Spark SQL, Data
Frame, Kafka, Nifi, AWS, Azure
Distribution: Cloudera, Hortonworks
Operating Systems: UNIX, LINUX, Cent OS & Windows
Database: Oracle9i/10g/11g/12c, My SQL
Debug Tools: GDB, DBX
IDE Tools : Eclipse , Intellige, Netbeans
DevOps Tools: GitLab, JIRA, SONAR QUBE, CI/CD Pipeline
Cloud service: Azure (Data Lake, BLOB), AWS (S3, EC2, EMR)

Achievements:

- ✓ Various Client Appreciation emails for contribution of API development and Migration n activity for different projects
- ✓ Annual award for 5-year completion in RNTBCI -2020
- ✓ Spot award – 2018 AG grid migration and data lake ingestion.
- ✓ Certification of Recognition Award -2017
- ✓ Pat on the back Award -2016
- ✓ Long term Onsite Assignment - Client Appreciation for On-time delivery - 2015

PROFESSIONAL PROFILE

- ✓ IT Professional with 11 Years of Cross-functional experience with proven Leadership roles in **automotive manufacturing & supply chain** and **banking domain** with enhanced technical skills in **Pro*C, C, Oracle, PL/SQL, Unix.**
- ✓ Having 4 years of experience working in **Hadoop Ecosystem**, design/developing applications.
- ✓ Exposure in design and development of solutions for Big Data using the Hadoop eco system technologies (**HDFS, Hive, Sqoop, oozie, Apache Spark, Kafka, AWS, Azure**)
- ✓ Worked extensively on Message queuing tools like **Kafka**
- ✓ Hands on experience on Data ingestion tools like **NIFI.**
- ✓ Capable of processing large sets of **Structured, Semi-structured and Un-Structured** data.
- ✓ Able to assess business rules, collaborate with stakeholders and perform source-to-target data mapping, design, and review.
- ✓ Working on AWS Components like **RDS, Kinesis Data Streams, S3, Athena, EMR, EC2.**
- ✓ Handled multiple reads and writes with **Azure Data Lake and Blob storage.**
- ✓ Hands on Experience on **ETL** tools like **Informatica** & Strong data base experience in **MS SQL Server, Oracle.**
- ✓ Worked in **Agile Methodologies.**
- ✓ Have good problem solving and analytical skills and love to innovate in order to perform better.
- ✓ Have strong Interpersonal skills, communication skills and people skills to manage a team.

EMPLOYEMENT SCAN

Mphasis Limited (Apr 2021 ~ till)

Role: Technical Architect (Delivery Project Lead)

Domain: Inbound logistics (FedEx products)

Environment, Tools & Tech Stack involved: C, Pro *C, PL/SQL, Unix, Oracle

10g/11g, Hadoop, HDFS, Hive, Sqoop, Spark sql, Spark streaming, Spark structured streaming, Kafka

Project Name's

- ✓ **FMS:** FMS is a **UNIX system**, consisting of a transactional and historical database TNT business.
- ✓ **CMS:** CMS is an **Informix 4GL application** that supports TNT Business functions of the core processing activities that includes Consignment Rating.

Responsibilities:

- ✓ Involved to creating the **Data frame** using with **Spark SQL, Schema RDD, Row RDD** using with **Scala Spark & Python Spark**
- ✓ **Loaded and transformed** large sets of semi structured data likes **XML, JSON, Avro, Parquet** using with **Scala Spark & Python Spark.**
- ✓ Responsible to Processing **Complex data processing (JSON, XML)** and data generation using with **Spark DSL**
- ✓ Reading the data from **External Sources like AWS RDS, S3 & to apply SPRK DSL APIs** for processing and written into different sources like **HDFS, S3, AWS RDS, RDBMS, Azure Data Lake and Blob storage** using with **Spark**
- ✓ Involved in handling streaming Data from **Kafka** and processing it in **Spark.**
- ✓ Responsible for **Optimizing Spark sql** queries that helped in saving Cost to the project.
- ✓ Performed **Import and Export** of data into **HDFS and Hive** using **Sqoop** and managed data within the environment.
- ✓ Involved in **creating Hive tables, data loading and writing hive queries.**
- ✓ Created **Oozie Workflow** to automate **data loading** into the Hadoop Distributed File System.
- ✓ **Code & peer review** of assigned task. Unit testing and Bug fixing.

Renault Nissan Technology& Business Centre India

(Jan 2015 ~ Apr 2021)

Certifications:

- ✓ **Microsoft Azure Fundamentals AZ900**
- ✓ **Renault Data Go Further**
- ✓ **Big Data Computing**
- ✓ **Hadoop Overview**
- ✓ **Tableau**

EDUCATIONAL QUALIFICATION

- MCA – Adhiyamaan College of Engineering, Anna University Chennai (2006-2009)
- B.Sc. CSC – Ayya Nadar Janaki Ammal College, Kamarajar University Madurai (2003-2006)

Role: Tech lead (Assistant Manager)

Domain: Supply Chain management for all Renault Plants

Environment, Tools & Tech Stack involved: C, Pro *C, PL/SQL, Unix, Oracle 10g/11g,

Hadoop, HDFS, Hive, Sqoop, Spark sql, Data Frame, Kafka.

Project Name's

- ✓ **BI-BOP:** R3 data management & VCD generation
- ✓ **CPRO:** Prototype configuration management
- ✓ **Data lake:** Data repository for all Renault software systems
- ✓ **SAM:** Efficiency calculation for Powertrain shop in all Renault plants
- ✓ **SMP99:** Efficiency calculation for all Bodyshop and Trim Chassis shop in all Renault plants

Responsibilities

- ✓ Performed **Import** and **Export** of data into **HDFS** and **Hive** using **Sqoop** and **managed data** within the environment.
- ✓ Involved in **creating Hive tables, data loading and writing hive queries.**
- ✓ Was responsible for **Optimizing Hive queries** that helped in saving Cost to the project.
- ✓ Handled **Hadoop Map Reduce jobs** to process large data sets.
- ✓ Managed **Hive Tables and created child tables** based on **partitions.**
- ✓ Created **Oozie Workflow to automate data loading** into the Hadoop Distributed File System.
- ✓ Involved in working on the Data Analysis, Data Quality and data profiling for handling the business that helped the Business team.
- ✓ **Loaded and transformed** large sets of semi structured data.
- ✓ **Unix to Linux** migration and **GIT** migration, **Kibana** migration.
- ✓ **AG-Grid** migration & **API** development using **CURL** command for inter application communications.
- ✓ **Code & peer review** of assigned task. Unit testing and Bug fixing.

Polaris financial technology limited

(Mar 2012 ~ Dec 2014)

Role: System Engineer

Domain: Banking and Finance for CITI Bank

Environment, Tools & Tech Stack involved: C, Pro *C, PL/SQL, Unix, Oracle 10g/11g, TOAD, GDB, DBX

- ✓ RBI ADF enhancement: Regulatory reports for RBI migrated from manual to automated. Hand-off to RBI managed by HALS/GILS.
- ✓ GCIN enhancements: Unique customer identifier for Citibank customer as a part of CFIL legal vehicle
- ✓ Genesis enhancement, ECS report, OBU trade loan.

Yalamanchili software exports private limited

(Nov 2010 ~ Feb 2012)

Role: Software Engineer

Domain: Banking and Finance for CITI Bank

Environment, Tools & Tech Stack involved: C, Pro *C, PL/SQL, UNIX, Oracle 9i

- ✓ NARADA™ SWITCH (New certification for AMEX) development to handle & execute the transactions initiated from the ATM/POS terminal, validations and authentications and route to prepaid host
- ✓ NFS SWITCH: handle Offus Card using Citibank ATM channel transactions routed to NFS switch instead of VISA/MASTER.