JAGADISH KUMAR SETHY

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📍 Bangalore, India

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SUMMARY

Senior Solution lead with 14 years of experience in Big Data and Cloud computation. Possessing an extensive analytical skill, strong attention to detail and significant ability to lead teams.

Strong hands - on experience in Big Data, Spark, Structured Streaming, Kafka, Azure Cloud, Kubernetes and ETL using Databricks and Data modelling, Data warehousing and ETL data Integration.

EXPERIENCE
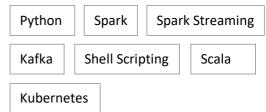
Solution Architect
Ericsson

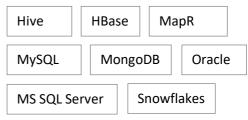📅 June/2019 – Ongoing   📍 Bangalore, India

- Architect and design solutions to meet functional and non-functional requirements over Azure Cloud for Analytical Platform.
- Experience in architecting and designing technical end to end solutions on Microsoft Azure PaaS services with Azure Data factory, Azure Databricks, Azure Synapse, Airflow, ADLS, EventHub, Log Analytics. Basic knowledge of Power BI required.
- Enforce adherence to architectural standards/principles, global product-specific guidelines, usability design standards, cost optimization etc.
- Review and gather functional and non-functional requirements and finalize with requestor and ensure overall vision is met.
- Multi-Cloud architectures and infrastructures. Working with IaaS, PaaS, SaaS providers on Azure and AWS.
- Use Terraform to automate and deploy infrastructure as code.
- Build AKS cluster and managed configuration using Kubernetes.
- Cloud security controls including tenant isolation, encryption at rest, encryption in transit, key management, vulnerability assessments, application firewalls.
- Have built Technology Road Map to include new Data engineering features like Glue Integration, Streaming Integration, Integration of Job cluster with Airflow, incremental load optimization, implementation of parallel run of ACL permission instead of single instance on ADLS and Metadata Automation on Analytics platform.
- Experienced with data warehousing concepts to design a dimensional model for analytical solution.
- Experience in data management, data warehousing and modelling with star schema and optimizing data models.
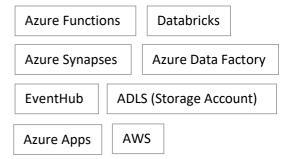
SKILLS

Programming

| Python | Spark | Spark Streaming |

| Kafka | Shell Scripting | Scala |

| Kubernetes |

Databases

| Hive | HBase | MapR |

| MySQL | MongoDB | Oracle |

| MS SQL Server | Snowflakes |

Schedular

| Airflow | Oozie | Databricks Jobs |

Cloud Technology

| Azure Functions | Databricks |

| Azure Synapses | Azure Data Factory |

| EventHub | ADLS (Storage Account) |

| Azure Apps | AWS |

Build Tools

| Maven | SBT |

Methodologies

| Agile |

EXPERIENCE

Lead Database Developer
Epsilon

Aug/2015 – Feb/2019   Bangalore, India

- Worked with **NBA** to build **Digital Marketing** and develop analytics solutions.
- Built a batch processing data pipeline in Hadoop and Spark to handle approximately 10 million transactions per day.
- Design, development, test and deployment of applications on data processing platform for Data as a Service.
- Programmed solutions in Python and Scala. Contributed to the code repository on BitBucket for bi-weekly releases.

Senior Hadoop/Spark Developer
Ciber

Aug/2014 – Jul/2015   Bangalore, India

- Worked with **Windstream** to build **OSS/BSS** solution for telecommunications data streams.
- Build data pipeline using Spark, Pig and MapReduce to ingest customer behavioural data and purchase histories into HDFS for analysis.
- Build script to extract the data processed using Spark SQL.
- Continuous improvement of existing solutions and performance tuning of applications running on-premises server.

Senior Software Engineer
Tecnotree Convergence Ltd

Feb/2012 – Jul/2014   Bangalore, India

- Worked in-house product **Wave 1.2** to build **BSS** solution for telecommunications data streams.
- Build data pipeline using Sqoop, Hive, Pig and MapReduce to extract the data from weblogs and store the results for downstream consumption.
- Migration historical data from Oracle to Hive for data archival and analytics solutions for consumption.
- Build data mart using PL/SQL stored procedures, functions and packages.
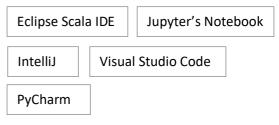
Software Engineer
Cognizant

Mar/2011 – Feb/2012   Bangalore, India

- Worked with world's leading mortgage origination, servicing to consumer credit provider and develop analytics solutions.
- Build data warehouse using stored procedures, functions and packages.
- Used SSIS tool to build data integration solutions including extraction, transformation and load packages for data warehouse.

SKILLS

Editor/IDE

| Eclipse Scala IDE | Jupyter's Notebook |
| IntelliJ | Visual Studio Code |
| PyCharm |

Repositories

| GitLab | BitBucket | Azure Devops |

TRAINING/COURSES

- Successfully completed **AWS Architect** organized by Ericsson in May 2021.
- Successfully completed **Azure Data Fundamentals** organized by Ericsson in April 2020.

ACHIEVEMENTS

- ☆ Ericsson **Ace award** for outstanding performance in 2021 Q3.
- ☆ Power award by **Ericsson** for extensive contribution in **DAP** project in November 2021.
- ☆ Power award by **Ericsson** for extensive contribution in **DAP** project in October 2020.
- ☆ Power award by **Epsilon** for extensive contribution in **NBA** project in 2017 and 2018.

STRENGTHS

🗩 Communicative
Open-minded, patient and empathetic. Can contribute to any conversation out of curiosity for the subject.

⚲ Keen Learner
Fuelled by inquisitiveness and passion to move forward. Learns quickly and implement effectively due to self-motivation.

👥 Collaboration
Achieves best results when working in a fast-paced environment with other people. Extroverted and happy to help others

EXPERIENCE

Database Administrator
PRDC Infotech

Aug/2010 – Feb/2011   Bangalore, India

- Taking backups on scheduled time and monitoring scheduled & performing backups and recoveries using RMAN hot backups.
- Experienced in data center migration of databases to prepare the proof of concept, DB migration procedures and scripts, developed templates that include check list for migrating the databases.

Software Engineer
KAVISYSTEM

Feb/2008 – July/2010   Bangalore, India

- Worked with Network Marketing & Retail Billing to build CRM Solution for retail systems.
- Build data warehouse using stored procedures, functions and packages.
- Involved in Data Modelling like Dimensional Data Modelling, Star Schema Modelling, Snow-Flake Modelling, Fact and Dimensions Tables using Analysis Services.
- Build a hierarchy solution using the Hierarchical Queries.

EDUCATION

BTECH, Computer Science & Technology

Biju Pattnaik University of Technology

📅 2003 – 2007   📍 Odisha, India

🏛 National Institute of S Technology

CGPA: 7.01

EXTRA CURRICULUM

An enthusiastic Cricketer

- Participated in Epsilon tournament'17 & 18, Tecnotree tournament'13 in Bangalore.
- Finished as Runner-up in Epsilon tournament'2017 & 2018, Bangalore.

Community Service

- Volunteered in Wake the Lake 2017 program for cleaning of Hebbagodi lake in Electronics City, Bengaluru.

PERSONAL DETAILS

- **Marital Status** - Married
- **Language Known** - English, Hindi, Oriya