

Abhijit Das

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ITPL Main Road, Krishnarajapuram
Bangalore, Karnataka

Career Summary

Results-Focused professional, offering an experience of over 14+ years (**6+ years into Data Engineering & 3+ year into AWS Big Data Services**) on delivering business value to the customers/stakeholders with demonstrated experienced in traditional and modern data architectures.

Possessing excellent analytical skills, summed up with proficiency in **Data Lake, Data Ingestion, Data Cataloging, Data Transformation, Data Governance and Data Warehousing using DMS, Glue, EMR, Lambda, S3, Arflow, Java, Python, Hadoop, and PySpark.**

Wide experience in definition and implementation of data strategy, roadmap, principles, and standards for enterprise data management and advanced analytics in support of strategic directions.

Innovative and exceptionally creative, to foster ideas that impel the organization towards a result-oriented direction. Impeccable Client Management and leadership skills with impressive professional-speaking abilities.

Collaborate effectively with Executives, Directors, Managers and Team Members in the pursuit of measurable outcome and results.

Strategic Thinker and Innovator: Bring outside-in thinking to the organization with proven track to transform strategy to measurable objective.

Lead-Manage-Coach the team: Be a dynamic leader who can instill values into the team and can guide-develop high-performing teams that delivers the desired business results.

Career Objective

Dedicated and disciplined Software professional, by contributing to the company's growth and in turn ensuring personal growth within the organization. I believe that my technical, functional and communication skills will enable me in facing the challenging career ahead

Core Competencies

- **EC2, EMR, IAM, Glue, DMS, Lambda, Java, Python, Spark, Hive, Snowflake, Redshift and Airflow**
- **Leading a team of 5 - 10 developers**
- **Troubleshooting and Bug Fixing**
- **Client Relationship Management**

Professional Experience

McKinsey & Company

AspireNXT (P) Ltd.

Zaloni Technologies India (P) Ltd.

System Consultant Information India (P). Ltd

September' 2021 - December' 2022

April' 2020 – September' 2021

December' 2010 – March' 2020

August' 2008 – December' 2010

Key Responsibilities & Achievements

Responsibilities

- As a **Data Architect**, design/review cloud based big data solutions and its implementation using AWS
- Understand and convert business requirements into architecture and design.
- **Maintain good quality code and code review using GitHub, Crucible and Sonar**
- Helping product owner / Business Analyst with the requirements, by preparing **USE CASE diagram, TDD, LLD** and **FLOW DIAGRAM**
- Helping project manager with the estimates using Project management tool like Open Project and Jira

Achievement

- Achieved the award "*Start of the Month*" from Zaloni Technologies, for the month of February' 2013. This award is given to the best performer of the organization every month.
- Achieved the award "*Spot Award*" from Zaloni Technologies, for the month of May' 2015 and April' 2017. This award is given to the best performer across specific team of the organization every month

Technical Skills

| Category | Software / Tool / Framework |
|-----------------------|-----------------------------------|
| Programming Languages | Java, Scala, Python |
| Framework | MapReduce, Sqoop, Flume, Spark |
| Warehouse | Oracle, Hive, Redshift, Snowflake |
| Cloud Services | AWS and Azure |

Projects Completed

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| Project Title | ETL Tool and Data Migration |
| Duration of Work | January-2022 to till date |
| Role | Lead Data Engineer |
| Software / Tools / Technology Used | Airflow, Snaplogic, Glue, Oracle, Snowflake, DMS, S3, IAM Roles, Lamda, PySpark, CloudWatch. |

Project Description: This ETL migration is designed to migrate Snaplogic and Oracle data warehouse into AWS environment using AWS Services like IAM, DMS, Glue and Lamda. Generic re-usable Patterns are being developed to migrate 1000+ snaplogic pipelines across the enterprise to AWS, either using Glue or DMS. Data from Oracle is getting migrated into Snowflake. Data transformation is done using PySpark code in Glue Jobs and quality of the data is checked via the lambda code.

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| Project Title | Oracle Data Migration |
| Duration of Work | July-2020 to September-2021 |
| Role | Data Architect |
| Software/Tools/Technology Used | AWS DMS, S3, Glue, Lambda, SNS Notification, AWS IAM, Redshift (Spectrum), Spark |

Project Description: This data migration pipeline is designed to migrate the client data from legacy data source to Redshift using DMS, Glue and Labmda. Data analytics is done using QuickSight on top of the flatten data in Redshift. Data transformation is done using PySpark code in Glue Jobs and quality of the data is checked via the lambda code.

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|---------------------------------------|---|
| Project Title/Name | RGA Data Hub Hydration |
| Duration of Work | August-2019 to March-2020 |
| Role | Module Lead |
| Software/Tools/Technology Used | Core Java, Hive, EMR, EC2, AWS IAM, S3 and project management tool (Smartsheet) |

Project Description: Data Hub Hydration is a tool to ingest conventional data to data lake and do the necessary transformation on those data for analysis. Secure information is tokenized and finally the data is stored in trusted zone.

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|---------------------------------------|---|
| Project Title/Name | TMX Enterprise Data Platform Management |
| Duration of Work | January-2018 to July-2019 |
| Role | Module Lead |
| Software/Tools/Technology Used | Core Java, Hive, EMR, EC2, AWS IAM, S3 and project management tool (Smartsheet) |

Project Description: EDP (Enterprise Data Platform) is a tool to ingest conventional data stored in tape(s) and disk to data lake and do the necessary transformation on those data for analysis.

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|---------------------------------------|---|
| Project Title/Name | MICA - Data Analytics Tool (Product) |
| Duration of Work | October-2015 to December-2017 |
| Role | Module Lead |
| Software/Tools/Technology Used | Core Java, Liquibase, <u>MySQL / H2 / PostGreSql</u> , Hive, MapR, Spark, Sqoop and Project Management Tool (Open Project) |

Project Description: Mica aims to be an application that leverages Data Management Tool to Browse, Annotate, Transform and Visualize data in the big-data lake. Its core users are data scientists, analysts, architects and data governance teams. Mica will leverage and extend the core modules of Data Management Tool but will be a separate application.

Education

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| Bachelor of Engineering - Computer Science <i>Sri Siddhartha Institute of Technology, Tumkur (VTU)</i> | 2008 |
| Post Graduate Diploma in Business Administration - Operations <i>Symbiosis Centre for Distance Learning, Pune.</i> | 2013 |

Personal Details

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| Date of Birth | 04/06/1986 |
| Languages Known | English, Hindi, Assamese and Bengali |
| Nationality | Indian |
| Passport Details | Passport Number - R2184618, Valid till year 2027 |
| Personal Interests | Sports, Music and Reading Assamese Novel |