

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 HADOOP & 2+ year into AWS) in the IT Sector. Possessing excellent analytical skills, summed up with proficiency in Data Lake, Data Engineering and Data Analytics using AWS, Java, Python, Hadoop, Hive, and Spark. Testing Implementation techniques and host level applications teamed with quality management control.

Practical exposure of working in Agile methodology and various phases of SDLC. Hands-on expertise of working in team building, **Enterprise Platform Applications and Integration Tools**.

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. Driven by new challenges and adept at adapting to any cultural and business environments.

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

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

Professional Experience

McKinsey & Company (Serving Notice Period)

AspireNXT (P) Ltd.

Zaloni Technologies India (P) Ltd.

System Consultant Information India (P). Ltd

September' 2021 - Till Date

April' 2020 – September' 2021

December' 2010 – March' 2020

August' 2008 – December' 2010

Key Responsibilities & Achievements

- My role is of **Data Architect** and to design/review cloud based big data solutions using AWS
- Understand and convert business requirements into architecture and design.
- Create documentation and maintain it throughout the release life cycle.
- **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
- Maintaining requirement, architecture and flow document
- Demo the feature to the stakeholders as per **Agile Methodology**

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
Databases	Oracle, MySQL, PostgreSQL, H2, Hive
Cloud Services	IAM, Glue, Lambda, DMS, EMR, Redshift, S3, Snowflake

Projects Completed

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.

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.

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.

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.

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.

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.

Project Title/Name	PCCM
Duration of Work	Jan-2015 to September-2015
Role	Development Lead
Software/Tools/Technology Used	Core Java, Hive, MapR and Eclipse IDE 4.2

Project Title/Name	UDW Offload
Duration of Work	Jan-2014 to Nov-2014

Role	Java Developer using Hive and Hadoop(Pivotal)
Software/Tools/Technology Used	Core Java, Hive, Pivotal and Eclipse IDE 4.2
Project Title/ Name	Zaloni Data Platform (ZDP -> Arena)
Duration of Work	August-2012 to December-2013
Role	Java Developer using Spring and Hibernate
Software/ Tools/ Technology Used	Core Java, Spring, Hibernate, HTML, <u>MySQL 5.x</u> and Eclipse IDE 4.2

Project Title/ Name	ECONirmaan Prescriptive Tool
Duration of Work	August-2011 to July-2012
Role	Java Developer using Hibernate
Software/ Tools/ Technology Used	Core Java, Flex 4, Hibernate, MySQL, Eclipse IDE 3.5 and IReport

Education

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

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