Lalitha Kumari T

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SUMMARY

4 years experienced AWS Data Engineering Architect with proven track record in Solution Design for Cloud technologies in Big Data Ecosystem. Proficient in designing effective solutions for cloud deployment, transitioning multiple projects & ensuring seamless delivery of services .

Total 10+ years of experience in various technologies includes Core Java, UNIX, weblogic,c,c++,Java Script, Amdocs tools,Nagios.

- Serve as project lead or lead technical staff in course of application development project
- Participate in planning, implementation, and growth of our infrastructure on Amazon Web Services
- Work closely with our architects and engineers to recommend and design database or data storage solutions that effectively reflect our business needs, security, and service level requirements
- Work with application and architecture teams to conduct POC and implement the design in production environment in AWS
- Migrate existing databases from on premise to AWS using various tools including but not limited to AWS Data Migration Services and AWS Schema Conversion Tool
- Hands on experiences in Cloud Formation
- A team player capable of high performance and flexibility in a dynamic working environment
- Written and oral communication skills – ability to communicate technical concepts and support assertions with data
- Organizational skills – ability to coordinate and prioritize many issues simultaneously in a very fast pace environment
- Analytical/Problem solving ability – ability to quickly evaluate an issue, resolve it or implement a Take ownership and act with high Sense of Urgency
- Knowledge in B2B functionality.
- Valid Australia WP 482 validity till Dec 2021.
- Valid USA B1 visa validity till 2025.
- France WP valid till Dec 2020.

AWS AMAZON WEB SERVICES

AWS architecture including: IAM, EC2, S3, Redshift, Lambda,AWS Glue, Athena,Cloudformation, Step functions, Cloudfront, EMR, Data Pipeline, Security Groups, SNS,SQS,Kinesis.

SKILLS

Core Java, Portlets, PL/SQL, UNIX,HTML, XML,WebLogic,Oracle, MySQL, PostgreSQL,Eclipse, NagiOS and chef,Maven, Docker

EDUCATION

2006 – 2009   **MCA (MASTER'S OF COMPUTER APPLICATIONS)**   **Aurora P.G College , Hyderabad**

EXPERIENCE

08/2020 – present   **INFOSYS LIMITED**   **Hyderabad, India**
Technology Lead
Client : FirstGroup America(FGA)

FirstGroup America has fleet of vehicles (School Buses) that provide transportation services to schools across various school districts in US. 41,000 buses are in services across 44 states in US and Canada.
Reduce driver labor ; Optimize driver payroll, Reduced deadhead
Improve mileage ; Optimize route between Stops, Eliminate Ghost Stops
Improve customer experience ; Generate scalable and accurate ETA, Improve stop verification and plan accuracy.

Roles & Responsibilities:

- SPOC for the data engineering and AWS perspective from the HLD to LLD.
- Responsible for all the data cleansing, storing and data pipeline. i.e. AWS S3, AWS EMR, AWS EC2, AWS Glue and AWS Redshift
- Requirement gathering from the Client
- Design the data engineering pipeline in a cost effective and high performance with automated process.

INFOSYS LIMITED   **Marseille, France**

01/2020 – 07/2020   *Technology Lead*
                     Client: CMA CGM

SAGE BI has been used by many CMA CGM agencies as the accounting & finance system. Couple years ago, the SAGE centralization project has successfully gathered all SAGE instances into an centralized infrastructure. But, the BI & Reporting part has been missing for a long time.

Roles & Responsibilities
- Analysis of different Databases related to Sage BI and and came up with the list of tables and columns to be moved to cloud .
- construction of data pipeline from on premise Oracle database to AWS data pipeline by using RDS, AWS glue , Athena and Redshift.so that those transformed data will be queryable via any kind of application, including the one from pricemoov and Qliksense.
- Configure the AWS Glue Crawlers to collect data from RDS directly, and then Glue will develop a data catalog for further processing.

INFOSYS LIMITED   **Hyderabad, India**

06/2017 – 12/2019   *Technology Lead*
                     Client: Vodafone

Global Data Service Platform (GDSP) makes little use of data received or generated through the system, this is limited to billing, and descriptive analytics in the form of reports derived from connectivity related data e.g. Call Duration Records (CDR), SIM management, etc. As a means to increasing revenue and cutting cost, VGE-IoT analytics strategy is to harvest streams from different data sources -not only connectivity- for the creation of new insights, and deliver analytics on all its different levels; descriptive, diagnostic, predictive, and prescriptive (DDPP), for both batch and close to/real-time use cases.

Roles & Responsibilities
- SPOC for the data engineering and AWS perspective from the HLD to LLD.
- Responsible for all the data cleansing, storing and data pipeline. i.e. AWS S3, AWS EMR, AWS EC2, AWS Glue and AWS Redshift
- Analyzed and prepared Low-Level Design documentation by gathering the requirements from the business
- Communicated with business partners to capture and define the scope of work, assumptions, technical dependencies, and Pre-Definition Phase sessions.
- Attended the daily status calls with the business.
- Involved in the project management activities to create the project plan, test plan and implementation plan

HEWLETT-PACKARD COMPANY   *Bangalore, India*

06/2010 – 06/2017   *Senior Software Engineer*

SMO Separation Management Office is a project initiated by the HP management due to the company split as HP Enterprise and HP INC. GCSS has been tagged as Configure in Place, so we have to configure the system to support both the companies like today and apply all the rules due to the company separation.As of today, GCSS supports service delivery functionality for commercial PPS (Printing and personal systems group) as well as Technology solutions group (Enterprise).

Roles & Responsibilities
- Analyzed and prepared Low-Level Design documentation by gathering the requirements from the business.
- Communicated with business partners to capture and define the scope of work, assumptions, technical dependencies, and Pre-Definition Phase sessions.
- Attended the daily status calls with the business.
- Major contribution to the SMO changes.
- Organized various team meetings and follow-up discussions to track day to day status for each Demands and Change Requests in application.
- Involved in the project management activities to create the project plan, test plan and implementation plan.
- Attended work shop in USA for UAT development support.

AWARDS AND RECOGNITIONS

- Awarded for my contribution and effectively in the GCSS release in the Making a Difference FY13, **FY14, FY15, FY16 Award program.**
- Recognized for the LivingOurValues FY13 and FY14 Award program by theBusinessandHP Partners for mywork and extensive effort in Business Validation where my participation has been a key success factor for the RTP.
- Awarded and Appreciated by management for the great work and prompt action on issues in GCSS baseline activities and Amdocsretirement analysis over the months in the Making a **Difference FY13, FY16 Award program**.
- Awarded for mycontribution and effectively in the GCSS-SMO contribution and Atlanta Exit
- Certification in **NSS activities**.
- **Topper** at school level.