



Mukesh Singh Negi

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Cloud and Big Data Developer

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Disciplined and focused Cloud and Big data developer, aiming to seek technical assignments in Software Development and solutions for complex technical requirements in the IT sector.

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SUMMARY

B.Tech in Computer science from DIT university, Dehradun Uttarakhand with a 7.5 CGPA and 2.11 years of proven experience in Cloud and Big data as a Specialist programmer. Certified AWS cloud practitioner. Trained on Big Data technology. Having proficiency in Python, Pyspark, AWS, Snowflake Datawarehouse, Databricks, Airflow, SQL (RDBMS and NoSQL) Algorithm and Data Structure. Expertise in Design, development and deployment of cloud based automation. I have excellent interpersonal and learning skills to adapt with rapidly changing technologies and implement the same at work.

TECHNICAL SKILLS

- **Technologies:** AWS (EC2, ECR, ECS, EMR, Redshift, Kinesis, RDS, Lambda, DynamoDB, SQS, SNS, Glue, S3, IAM, Cloudformation, Secret manager, KMS, Cloudwatch, VPC, SAM, EventBridge), Databricks, Snowflake datawarehouse, Airflow, Docker, Linux, Hadoop
- **Languages:** Python, Pyspark, SQL, Scala, C++ (Data structure and Algorithm)

EMPLOYMENT HISTORY

Infosys Limited

- **September 2020 - November 2020:** worked as a System Engineer specialist.
- **December 2020 – February 2022:** worked as a Digital Specialist Engineer.
- **March 2022 - Present:** Working as a Specialist Programmer

EDUCATIONAL QUALIFICATION

- **B.Tech-** Completed B.Tech in Computer Science Engineering from DIT university, Dehradun in 2020 with an aggregate of 7.5 (CGPA).
- **12th** from Kendriya Vidyalaya Babina cant, Jhansi, Utra Pradesh in 2015 with a percentage of 85%
- **10th** from Bal Bharati Senior Secondary school, Haridwar, Uttarakhand in 2013 with a percentage of 85.5%.

PROJECTS UNDERTAKEN

Project 1 (March 2023 – Present): Snowflake to S3 unload periodically

Description: The project's goal is to create a standard framework which everybody can use to export snowflake table or views data into S3 bucket after fix interval of time.

Environment: AWS (IAM, S3, SNS), Snowflake Datawarehouse

Project 2 (Nov 2022 – Feb 2023): Historical GPS Data migration

Description: The project's goal is to create an ETL pipeline to load historical GPS data (present in json format) from S3 bucket to snowflake data warehouse after flattening and transformation as per business logic.

Environment: Python, Pyspark, AWS (Glue, Lambda, SQS, S3, SNS, IAM, Secret Manager, cloudformation), Snowflake Datawarehouse

Project 3 (July 2022 – Oct 2022): GPS Streaming data consumption

Description: The project's goal is to create an ETL pipeline to consume GPS data from event generated by cross account S3 bucket and migrate into snowflake data warehouse after flattening and transforming as per business requirements.

Environment: Python, AWS (ECS, ECR, Lambda, SQS, S3, SNS, DynamoDB, KMS, IAM, Secret Manager, cloudformation), Snowflake Datawarehouse

Project 4 (Jan 2022 - June 2022): Real time swipe-in/swipe-out data transformation

Description: The project's goal is to create an ETL pipeline to consume and process Realtime streaming data generated during the swipe-in/swipe-out by the employees, as well as transform and publish events so that downstream applications (ML, Data Analysis, Data Mining, Reporting, Data Modelling) can consume them. The solution was designed and developed to be less expensive than the previous solution.

Environment Python, AWS (Lambda, SQS, S3, SNS, DynamoDB, Kinesis, KMS, IAM, Secret Manager, cloudformation)

Project 5 (Sept 2021 - Dec 2021): On-premise historical data migration to cloud

Description: The project's goal is to create an ETL pipeline to migrate historical data from On-premise data centers to AWS cloud.

Environment Python, AWS (EC2, Lambda, SQS, S3, SNS, DynamoDB, KMS, IAM, Secret Manager, cloudformation)

PERSONAL STRENGTH

- If any of the tasks are assigned would like to take responsibility as an initiative.
- Confident, Detail-oriented, Problem solving.
- Quick learner, Time management.