

Oindrila Chakravarty

Data Engineer

Working as an AWS Data engineer for a Financial Services client to deal with automations and draw insights from data and perform transformations on various data to get desired data output.

Contact

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Education

2020

**B.Tech, Applied Electronics and
Instrumentation Engineering**

Heritage Institute of Technology

2016

ISC, Science

Auxilium Convent School

2014

ICSE, Science

Auxilium Convent School

Skills

- Pyspark
- Python
- AWS Lambda
- AWS Glue
- AWS S3
- AWS Athena
- AWS CloudWatch
- AWS SNS
- AWS Cloudformation
- AWS IAM
- Bitbucket
- Bamboo
- Splunk
- Hive
- SQL

Language

English

Bengali

Hindi

Experience

Capgemini

Feb 2021 -

Associate Consultant

- Creation of build and deploy plans for CI/CD pipelines
- Creation of repositories through Bitbucket and deployment through Bamboo
- Creation of AWS IAM roles for restricted access
- Perform ETL tasks in AWS Glue
- Execute Pyspark transformation scripts
- Data Ingestion to AWS S3
- Automation to trigger AWS Glue job through AWS Lambda
- Creation of event-based triggers for data ingestion
- Creation of datafeed dashboard in Splunk to monitor daily activities of AWS Glue job
- Parsing of file format such as csv, excel and parquet and writing them to AWS S3
- Creation of optimised queries through AWS Athena
- Creation of unit test cases to validate data
- Creation of optimised Hive queries
- Executing optimised sql scripts through Athena query executor

Projects

Finger Oriented Signalling System

2019 - 2020

To enable recognition of hand gestures for disabled patients using sensors
Technologies: C, Flex sensor, LED, ATMEGA8L

Analysis of Football Dataset

2021

Extraction of top 10 players from various sections of a Football team
Technologies: HDFS, Hive, Talend

Certification

- Python Functions, Files, and Dictionaries - University of Michigan, Coursera
- Agile Software Development - University of Minnesota, Coursera
- Big Data Essentials: HDFS, MapReduce and Spark RDD - Yandex, Coursera
- The Data Scientist's Toolbox - John Hopkins University, Coursera