AbdoulKaled Ali Seini

Data Engineer - AWS Engineer

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Certified AWS Associate, accomplished Data Engineer, a team player with solid communication skills, and a Master's degree in Computer Science. Passionate about delivering valuable data through analytical function and retrieval methods. Analytical concrete thinker with problem-solving and presentation skills. I have extensive experience designing end-to-end solutions for ETL and ELT pipelines, databases, algorithms, data warehouses, data modeling, and cloud architecture.

EXPERIENCE

ChaoJi Wan Beijing Data Manager (2023 – Present)
- Collect data weekly.
- Build a face recognition application with Python to process photos quickly.
- Build a database with Tencent Cloud to manage the company's data.

Data Engineer Consulting Beijing, China, (2019 – 2023)
- Build and manage data pipelines.
- Establish automation in managing cloud resources using AWS CloudFormation, reducing infrastructure costs.
- Use AWS Lambda to process and clean data and AWS Glue to transform and prepare the data for analysis.
- Analyzed data sets using AWS Athena and AWS Quicksight to help companies decide based on findings.
- Utilized AWS services, including EC2 and S3, to enhance system scalability and availability.

BMW China, Beijing China 01/2019- 08/2019 Data Engineer
- Provide solutions for IT R&D-related activities, web scraping, and automation testing; responsible for maintaining and updating news and conference room screens.
- Responsible for scraping images, videos, and news from the company's main website and different sources.
- Create and maintain a pipeline to store data. Effectively mining unstructured data and creating local websites.
- Wrote Python script that will automatically test the company's new projects and websites.

Zolors Beijing, China 06/2015-02/2016 Web Manager
- Design and build the company's website.
- Manage the content in various ways, such as PHP error debugging, site speed optimization, and SEO.
- Manage Database, store maintenance, product updates, and content write-ups on the e-commerce platform.
- Designed graphics for website decoration and layout. Built user interface data visualizations and developed overall user experience, resulting in a 25% increase in sales.

CERTIFICATIONS

- **AWS Certified Solutions Architect – Associate By AWS**
- **AWS Certified Cloud Practitioner By AWS**
- **Certified Data Scientist By Simplilearn in collaboration with IBM**

PROJECTS

- Serverless Data pipeline with Kinesis Data Stream, Firehose, S3, and Snowflake. Show more
- Integrated an API Gateway with Lambda and DynamoDB. Show more
- Event driven Architecture with S3, SNS, SQS, and Lambda. Show more
- AWS-Serverless-Data-Lake. Show more

EDUCATION

Beijing Technology and Business University
- Master of Computer Science

Beijing JiaoTong University
- Bachelor of Software Engineering

SKILLS

Cloud Platforms: AWS (EC2, S3, RDS, Redshift, API Gateway, lambda, AWS Kinesis, SNS, SQS, ECS, ECR, Farget, Amazon Athena, AWS Glue).

Data Warehousing & ETL: Snowflake, Apache Spark, Hadoop, Data Pipeline, Airflow.
Data Modeling & Security: AWS IAM, KMS, Cognito, Big Data.

Programming and database Languages: Python, SQL, Scala, NoSQL, MongoDB, DynamoDB, MySQL, Postgres, and Linux/UNIX.

Languages: English, French, Mandarin.