

VISHAL MISHRA

Highlights

- 12+ years of professional experience in IT
- Worked as a Site Reliability Engineer/Data Engineer and Software Engineer
- Proven experience in AWS and Big Data
- Experience in DevOps tools and technologies
- Proficient in Python
- Experience in leading teams and knowledge sharing sessions.

Technical Skills

- Python and Java
- AWS, Terraform
- Container Orchestration – Kubernetes, EKS, and ECS
- Hadoop Eco System – Spark, Kafka, and Hive etc.
- SQL and NoSQL Databases
- DevOps tools – Bitbucket, CI/CD, Jira, Jenkins, and Unix
- Job Scheduler – Airflow & Control-M
- Observability – DataDog, Grafana and Splunk

+65 90882071

vishalmishra@live.in

www.linkedin.com/in/vishalmishra88

Summary

Experienced IT professional with over 12 years in data engineering, analytics, and site reliability engineering, boasting comprehensive expertise in AWS. Seeking an impactful role as a DevOps or SRE expert to leverage skills in driving efficient solutions and optimizing system performance.

Experience

JP Morgan SIN 01/2022 to Current

Site Reliability Engineer

Applied AI/ML and Data Analytics

- Design, code, test, and deliver high quality software.
- Provision Infrastructure in AWS using Terraform.
- Deploy Machine Learning/NLP models to production using automated CI/CD pipeline.
- Migrate data from On-prem Hadoop servers to AWS S3.
- Automate manual operational work for example datacenter failover using rest api and python.
- Implement required telemetry and observability using Datadog, Grafana, Splunk and Prometheus to monitor and measure the quality of service in real-time against the established SLO.

Ernest and Young (EY) SIN

03/2021 to 12/2021

Lead Data Engineer

IFRS Implementation

- Create Technical Design document based on the functional specifications.
- Design data models for the data staging layer based on the functional specifications and business requirement document.

Education

BACHELOR OF TECHNOLOGY
Computer Science & Engineering
2006 – 2010
Grade – 77.38%

Ajay Kumar Garg Engineering College
Ghaziabad Uttar Pradesh India
(Uttar Pradesh Technical University)

Certifications

AWS Certified Solutions Architect -
Professional

AWS Certified SysOps Administrator -
Associate

AWS Certified Developer - Associate

CKAD: Certified Kubernetes Application
Developer

HashiCorp Certified: Terraform
Associate

AWS Certified Machine Learning -
Specialty

AWS Certified Solutions Architect -
Associate

- Design and build data staging layer in AWS cloud using AWS Glue.
- End to End implementation of the data pipeline, data storage and data quality framework.
- Establish connectivity between AWS and on-prem servers.

JP Morgan (Contract) SIN 12/2019 to 02/2021
Site Reliability Engineer
Everest Data Platform (EPS)

- Creation and maintenance of data ingestion pipelines for storing data from various sources to a common Hadoop data lake.
- Develop data transformation modules based on the consumer requirement.
- Develop data consumption modules using Impala and implement access control.
- Designing various monitoring dashboards using Grafana to maintain high availability of the applications.
- Logstash setup for migrating logs from application servers to Splunk.

VISA (Contract) SIN 02/2019 to 12/2019
Data Engineer
Account Level Management

- Migrate older Ab-initio ETL framework to open-source technologies like Hadoop and Spark
- Solve the complex data related problems using open-source technologies.
- Development of data transformation and analytics jobs based on the business requirement.
- Automate deployment lifecycle using CI/CD.

Standard Chartered Bank SIN 03/2017 to 05/2019
Senior Hadoop Developer
Single Customer View Framework

- Develop Apache SQL framework which read property files and execute the queries in the property files using Spark abstraction API's DataFrame.
- Develop Apache Nifi jobs for copying data from older to the new HaaS cluster.
- Control-M jobs to automate the process - nifi file copy and transformation job.

GitHub Profile and Repos

<https://github.com/vishal2505>

<https://github.com/vishal2505/IndustryProjects/tree/master>

Standard Chartered Bank SIN 12/2015 to 02/2017
Hadoop Developer

Real time and Batch Data Ingestion Framework

- Design and develop real time streaming application which will parse xml messages from multiple source systems and extract fields and store them in the common datalake.
- Design and develop Kafka Producers and Spark Streaming application.
- Develop Map reduce programs for batch data ingestion.
- Implement access control for the end users via views.

Accenture Services IND 06/2014 to 12/2015
Senior Software Engineer

Revenue Optimization System

- Log file Analysis which involved different competitor rates from various hotels.
- Develop and support map reduce programs which were running on the Hadoop Cluster.
- Configure Hadoop eco system for data flow using Sqoop and Hive.
- Load and transform large set of structured data.
- Create Control-M jobs for automation.

Infosys Limited 01/2011 to 12/2015
Systems Engineer

Bankline and Telephony Transformation Programme

- The project was intended to credit related changes in the Bankline Screens including Payment, Bulk Transfers and Manage Payments.
- Develop Java Beans and make changes in the Java Server Pages and java validation logic.
- Develop Unit Test scripts and support Integration and System testing.