

## Contact

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## Top Skills

Systems Design  
Enterprise Architecture  
Security Architecture Design

## Languages

English (Full Professional)  
Hindi (Native or Bilingual)

## Certifications

Software Engineer - IT Services  
Business Analyst  
Customer Service Specialist  
in English Comprehension  
Business Consultant

# Abhishek Mishra

DataOps || DevOps || MLOps || Spark || Bigdata || Databricks || Linux  
System Administrator || Software Engineer  
Bengaluru, Karnataka, India

## Summary

Experienced DevOps Engineer proficient in Big Data platforms (such as Py/Spark, Hadoop, Databricks stack), Cloud computing, ELK Stack, and Linux. Proficient in Python, Shell Scripting, and Linux System Administration. Demonstrates exceptional problem-solving skills, adept at troubleshooting, and quick mastery of new skills, technologies, or roles.

## Experience

### Sigmoid

6 years 10 months

### DataOps Lead

January 2024 - Present (1 year 4 months)

Bengaluru, Karnataka, India

### DataOps Engineer - II

January 2023 - December 2023 (1 year)

Bengaluru, Karnataka, India

### DevOps Engineer - II

August 2021 - December 2022 (1 year 5 months)

Bangalore

> Worked on migration of a pipeline written in Python to Databricks notebook to leverage the Databricks capabilities like ACID Transactions, Schema Evolution, DML operations like merge, update and delete, Scalable Metadata, Auditing using delta logs and etc.

> Worked on optimization of code to leverage Pyspark built-in capabilities like using Spark functions wherever it's possible and also integration of delta table to optimize read and write operations on billions of rows by using its core features like partition, optimize time travel, and of course its ACID properties.

- > Worked on invoking and orchestrating Databricks jobs from Airflow using Job clusters and/or All-purpose clusters of the Databricks with the help of Airflow operators.

- > Worked on managing the web servers on AWS cloud and monitoring its performance metrics to ensure no downtime.

### DevOps Engineer

March 2019 - September 2021 (2 years 7 months)

Bangalore

- > Responsible for Setting-up and managing AWS Hadoop clusters to run ETL pipelines at a scale of TBs of data for various customers.

- > Implemented security measures like zero trust and log auditing using Grafana for better visibility and better control over the cluster resources to ensure customer data security. Also included continuous monitoring of AWS resources to detect and block unauthorized access, implementing bastion host architecture to access private subnets, and monitoring of every traffic going through the bastion host.

- > Worked on the Implementation of different open-source tools to improve overall productivity and reduce the manual intervention in the infrastructure by doing the PoC of new technologies e.g. Alluxio Caching System, Databricks Delta Lake, etc.

- > Worked on deploying and managing large and complex Architecture and multiple components of large community projects like Setting up the Hadoop Cluster and Kubernetes monitoring cluster, Gitlab server, etc.

- > Maintained proper communication to understand the estimates, project plan, project schedule, resource allocation, and expenses to ensure that targets were reached.

- > Followed the project life cycle methodology like Agile and Waterfall; ensured that projects were completed within a given time bracket.

### Technical Support Engineer

July 2018 - February 2019 (8 months)

Bangalore

- > Deployed and managed GCP and AWS Hadoop Clusters to run ETL jobs using Spark.
- > Worked on writing scripts to manage and monitor clusters with thousands of nodes running 24/7 to ensure proper running of real-time data pipelines.
- > Implemented automation tools for better productivity and cost reduction.

#### Self employed

1 year 1 month

#### Student Coordinator

July 2017 - July 2018 (1 year 1 month)

#### Web Developer

December 2017 - March 2018 (4 months)

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## Education

University Institute of Technology, The University of Burdwan

Bachelor's Degree, Computer Engineering · (2014 - 2018)