

# Mallinath Patil

## Data Engineer

A Big Data enthusiast working with various Big Data/AWS Technologies. 3.2 years of Extensive-Experience in different domains in the IT industry and mainly in Hadoop Ecosystem Development and PySpark and AWS Cloud services



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## WORK EXPERIENCE

### Data Engineer

#### Zielotech infosolutions

2019 - Present

Pune

##### Achievements/Tasks

- Working in Data Analytics team for client in Banking domain.
- Experienced with the spark improving the performance and optimization of the existing algorithms in Hadoop using Spark context, Spark-SQL, Data frame API, Spark streaming and worked explicitly on PySpark.
- Hands-on experience with Amazon EC2, Amazon S3,AWS RDS,IAM, Step-functions, AWS lambda, AWS Glue, AWS Sage Maker, Docker , AWS EMR, Cloud watch,AWS Redshift
- Hands on experience in Hadoop architecture and its components.
- Perform tasks such as writing scripts, calling APIs, write SQL queries etc.
- Strong problem-solving & technical skills coupled with clear decision-making.

## PROJECTS

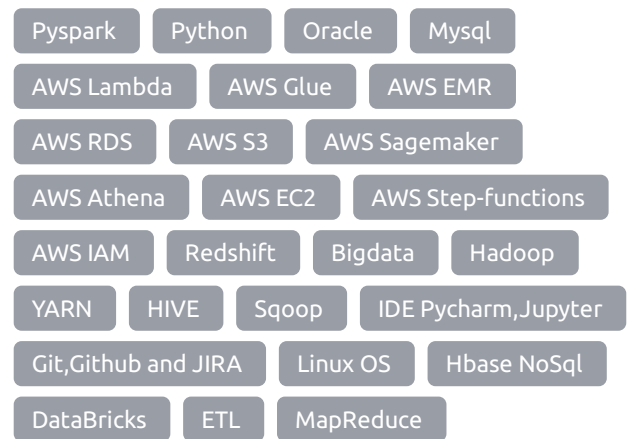
Automated machine learning Customer review Analysis model Using Pyspark and AWS services.

- As a Data engineer my Responsibility is to Deployment of machine learning model using AWS services.
- The main aim is to develop and automate the machine learning sentiment analysis model in order to compute the customer perception.
- Filtered data and Perform the various Pyspark Transformation in order to get meaningfull insights that help our Data Scientist to create Machine Learning Model and Analysis.
- Developing Pyspark Glue job and Lambda application based on requirement and enhancement as per requirements.
- Implement Data Validation, Quality Checks.
- Support data-scientist in deployment of machine learning model using AWS services.
- Performing various Pyspark transformation based on the client requirement

Enabling E – Commerce(PySpark,AWS,Python,SQL)

- Attaining a daily scrum call with team members and discussing the task on a particular sprint.
- Weekly call with client for their requirements and further enhancement.
- Implement Data Validation, Quality Checks and performing various optimisation techniques.
- Analyzing PROD tickets, Noticing and Resolving the issues.
- Responsible for Data Mapping and creating ETL workflows.
- Performing the Pyspark transformation on datasets and writing data into RDS.
- Used optimisation techniques in order to enhance the performance of the job.
- Monitoring the jobs, if any issue occurs that is also my responsibility to support the particular job.
- creating Extract Glue job and applying various business logic based on requirements.

## SKILLS



## ACHIEVEMENTS

INTERNATIONAL SCIENCE TALENT EXAM 2008-09 (2008 - 2009)

Participated and secured state rank in INTERNATIONAL SCIENCE TALENT EXAM 2008-09 Participated

INTERNATIONAL CHINTHAN MATHS EXAM 2009-10 (2009 - 2010)

Participated and Secured TALUK rank in INTERNATIONAL CHINTHAN MATHS EXAM 2009-10

## CERTIFICATES

Academy Accreditation - Databricks Lakehouse Fundamentals (09/2022 - 09/2023)

fundamental concepts related to the Databricks Lakehouse Platform. ISSUED ON September 30, 2022 EXPIRES ON

## EDUCATION

BMS College Of Engineering Bangalore 560019 (2014 - 2018)

Bachelor of Engineering

## LANGUAGES

English  
Professional Working Proficiency

Kannada  
Professional Working Proficiency

Hindi  
Professional Working Proficiency

## INTERESTS

