

Rahul Sanjay Chavan

MLOps Engineer

MLOps engineer with 3.2+ years of overall experience, including 1.2+ years dedicated to MLOps. Proficient in AWS for deploying machine learning solutions, with expertise in Python, data analytics, and machine learning modeling. Proven ability to manage complex tasks and align technology with strategic business goals.

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📍 Pune, India

WORK EXPERIENCE

MLOps Engineer Wmolex Pvt Ltd

07/2020 - Present

Pune

Tasks

- Deploy machine learning models on AWS infrastructure for production use
- Create automated pipelines for model training, testing, and deployment
- Manage AWS resources to support machine learning workloads efficiently.
- Monitor model performance and infrastructure, optimizing as needed.
- Implement CI/CD pipelines for seamless model updates and integration with AWS services.

PROJECTS

Credit Risk Analysis

- Designed and implemented a scalable credit risk analysis system on AWS.
- Managed data processing, model training, deployment, and monitoring using Amazon SageMaker.
- Ensured security through IAM and VPC, achieving compliance with industry regulations.
- Implemented cost optimization strategies leveraging AWS tools.
- Automated CI/CD pipelines for seamless model updates and collaborated using Amazon S3

Health Sentiment Analysis

- Migrated and deployed a sentiment analysis project to AWS for scalable and efficient processing.
- Utilized Amazon S3 for data storage, EC2 or Lambda for computation, and SageMaker for model training.
- Achieved real-time inference with AWS Lambda and monitored model performance using Amazon CloudWatch.
- Ensured security and access control with AWS IAM and implemented cost optimization measures.
- Leveraged AWS infrastructure for high availability, scalability, and automated CI/CD for model updates.

EDUCATION

Bachelor Of Computer Application Dr. Babasaheb Ambedkar Marathwada University Aurangabad

07/2016 - 06/2019

64.74%

HSC

A.V.S Junior College Aurangabad

07/2015 - 05/2016

69.85

SKILLS

AWS Sagemaker

AWS IAM

AWS EC2

AWS CloudWatch

AWS CodeDeploy

MLFlow

Apache Airflow

Github

python

Pandas

Numpy

Matplotlib

Scikit-Learn

Linux

OOps

EXPERTIZE

Languages & Libraries:

Python, Pandas, NumPy, Regex, SKlearn, Matplotlib, Seaborn.

Databases :

MySQL, MongoDB

API's & Production:

Flask Web framework, Postman, AWS (EC2 Instance) clients by producing financial ratios

Systems:

Windows, Linux, Conda, Jupyter Notebook, VS Code

COMPETANCIES

High-level proficiency in AWS for managing machine learning operations.

Strong grasp of ML concepts and model deployment on AWS.

Ability to define and manage ML infrastructure.

Setting up automated ML pipelines for testing and deployment.

Ensuring ML systems meet security and compliance standards on AWS.

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

Marathi

Full Professional Proficiency

INTERESTS

Cricket

Traveling

Reading Books