



Abhinav Srivastava

MLOps Engineer

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Meticulous Data Scientist with over 7 years of experience, accomplished in compiling, transforming and analyzing complex information through software. Expert in machine learning and large dataset management. Demonstrated success in identifying relationships and building solutions to business problems.

WORK EXPERIENCE

MLOps Engineer

EXL Service

08/2024 - Present

Responsibilities

- Manage the entire machine learning life cycle using MLOps best practices, deploying, monitoring, and refreshing models via MLflow and Airflow.
- Develop and implement advanced LLM Agents and GenAI solutions alongside traditional predictive models to address diverse business use cases.
- Build predictive algorithms to identify litigations costs using logistic regression, and random forests.
- Perform extensive data engineering and cleaning using Python (Pandas) to execute feature engineering on high-dimensional datasets.

Data Scientist

Siemens Technology and Services Limited

07/2022 - 07/2024

Gurugram, Haryana

Responsibilities

- Managed entire life cycle of projects, including planning, development, testing, deployment and maintenance.
- Developed and implemented predictive models to identify customer churn using logistic regression, decision trees and random forests.
- Performed feature engineering on high dimensional datasets in order to improve accuracy of predictive models using Python.
- Developed and managed resources like Lambda, ECS, S3, API Gateways etc. on Amazon Web Services using AWS CloudFormation and eliminate unused resources.

DevOps Engineer

Tata Consultancy Services Limited

06/2019 - 07/2022

Lucknow, Uttar Pradesh

Responsibilities

- Deployed microservices based architectures using Docker containers, python and pandas on virtual machines.
- Created scripts and utilized Python to automate the deployment of applications across cloud platforms and reduce deployment time by 80%.
- Collaborated with developers to ensure smooth transition from development environment to production environment.

SKILLS

Python Machine Learning Computer Vision
Pandas Tensorflow Pytorch
Amazon Web Services Snowflake
PostgreSQL Gitlab Git Docker
Jenkins Agile Methodologies SAFe

PERSONAL PROJECTS

DataAlchemy (12/2025 - 12/2025)

- An intelligent document processing tool that transforms unstructured PDF documents into structured, analyzable data

Pneumonia Detection System (02/2025 - 03/2025)

- A PyTorch-based machine learning model that analyzes chest X-ray images to automatically detect and classify pneumonia cases.

DeClutter - File Organizer (06/2020 - 06/2020)

- A Python project which helps to monitor, categorize and organize files automatically.

EDUCATION

B.Tech - C.S.E (Cloud Computing)

Graphic Era University, Dehradun

07/2015 - 05/2019

8.69 CGPA

Senior Secondary School

Fatima Senior Secondary School, Gonda

2014 - 2015

85.8%