

AMOGH PATHAK

Pune

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ABOUT ME

Recent graduate with a strong foundation in Data Science and Machine Learning, seeking opportunities to apply skills in a professional environment to drive innovation and solve real-world problems.

MY SKILLS

Core Skills: Machine Learning, Deep Learning, NLP, Generative AI, Software Development

Languages: Python

Databases: MySQL, MongoDB

Libraries: TensorFlow, PyTorch, Scikit Learn, Flask, Pandas, Numpy, Matplotlib, Seaborn, NLTK, FastAPI

Cloud: AWS, CI/CD, Docker, Terraform

Soft Skills: Communication, Problem Solving, Leadership, Teamwork

MY EXPERIENCE

- **DevOps Engineer Intern**, Cloudnautic Dec 2022 - May 2023
 - Designed and maintained CI/CD pipelines to automate software build, testing, and deployment.
 - Collaborated across teams to optimize development workflows and ensure software quality.
- **1+ Years of hands on experience in building Machine Learning Models And Deploying them On AWS.**

PROJECTS

Telecom Customer Churn Prediction

- Built and deployed a predictive model to predict the customers who are likely to churn from telecom service. Used Machine Learning techniques, Python Development and Statistics to achieve this.
- Deployed on AWS Using Docker And used Github Actions for CI/CD Pipeline.

GitHub: github.com/amogh9792/telco-customer-churn

APS Sensor-Fault-Detection

- Developed a binary classification model to detect failures in heavy vehicle Air Pressure Systems (APS). Optimized maintenance efficiency by accurately predicting APS component failures.
- Components include Data Ingestion, Data Validation, Data Transformation, Model building and evaluation and then deployment.
- Deployed On AWS Using CI/CD Pipeline and Docker to containerization.

GitHub: github.com/amogh9792/aps-sensor-fault-detection

Blog Generation Using Llama 2 (GEN AI)

- Created an application to generate customized blog posts using the Llama 2 language model. Users can specify topics, word counts, and target audiences.

GitHub: github.com/amogh9792/blog-generator

CERTIFICATIONS

Machine Learning With Industry Ready Project, iDataFlow Intelligence Pvt Ltd

AWS Certified Machine Learning Specialty 2024 - Hands On!, Udemy

EDUCATION

Master In Computer Applications, MIT World Peace University, Pune

2021 - 2023

CGPA: 8.94