AMOGH PATHAK

Github Profile www.amoghpathak.tech LinkedIn Profile
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SKILLS

Programming Languages:

Python, Java, C, C++

Databases:

MySQL, MongoDB

Cloud:

AWS

Python Libraries:

- Pandas
- Numpy
- Scikit Learn
- TensorFlow
- PyTorch
- Flask
- Django
- Matplotlib
- Seaborn
- Plotly
- NLTK
- PySpark

Core Skills:

- Machine learning
- Deep Learning
- Artificial Intelligence
- Generative AI
- Natural Language Processing
- Data Analysis
- ETL (Extract Transform Load)
- Power BI
- API
- Data Visualization
- Predictive Modelling

Soft Skills:

- Communication
- Teamwork
- Problem-Solving

EDUCATION

Master's In Computer Applications (2021 - 2023)

From MIT World Peace University, Pune

CGPA : 8.94

Bachelor's In Computer Applications (2021 - 2023)

From RTMNU, Nagpur

Percentage 60%

GITHUB CONTRIBUTIONS:

ABOUT ME

- Passionate and motivated fresher eager to contribute to Data Science, Machine Learning, or Data Analysis projects in a dynamic startup environment.
- Highly adaptable and exceptionally quick to learn new technologies, methodologies, frameworks, and concepts.

WORK HISTORY

- **Cloudnautic** - DevOps Engineer Internship   12/2022 - 05/2023
  - Designed, implemented, and maintained scalable, efficient CI/CD pipelines to automate software build, testing, and deployment processes.
  - Collaborated with development, operations, and quality assurance teams to streamline and improve the software development lifecycle.
  - Ensured the security and compliance of CI/CD pipelines through regular audits, automated security checks, and adherence to best practices.

PROJECTS

- **APS Sensor-Fault-Detection:**   **GitHub Link   SEE BLOG**
  - Implemented a binary classification model for APS component failures in heavy-duty vehicles, focusing on accuracy to reduce repair costs.
  - Implemented advanced machine learning to distinguish APS-related failures, optimizing vehicle maintenance efficiency and sustainability.

- **Telecom Customer Churn Prediction:** **GitHub Link   SEE BLOG**
  - Built and deployed a customer churn prediction model using logistic regression, decision trees, and random forests algorithms.
  - Automated model deployment with AWS Lambda and S3 integration, and utilized GitHub Actions for continuous integration and deployment.

- **Blog Generation Using Llama 2 (GEN AI)   GitHub Link   SEE BLOG**
  - Designed and implemented an interactive web application using Streamlit to generate customized blog posts based on user input.
  - Used LangChain's Llama 2 model to tailor content for specific topics, word counts, and audiences, enhancing engagement and relevance.

CERTIFICATIONS

Machine Learning With Industry Ready Project

iDataFlow Intelligence Pvt Ltd
www.iDataFlow.AI

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