AKHANDPRATAP SINGH

Mobile: *+91-90048 00369* · Email: *akhand96@gmail.com* · LinkedIn: *linkedin.com/in/akhand96* · GitHub: *github.com/akhand96*

PROFILE SUMMARY

An organized and results-driven Machine Learning Engineer with experience in developing and implementing machine learning models to solve complex business problems. Demonstrated expertise in Python programming, data preprocessing, feature engineering, model training, and evaluation. Proven ability to collaborate effectively in cross-functional teams and communicate technical concepts to non-technical stakeholders. Currently seeking opportunities to apply my skills and contribute to impactful projects in data science and machine learning.

PROFESSIONAL EXPERIENCE

TECHXYZ LLP, Noida   May 2023 – June 2024
Machine Learning Engineer

- Developed machine learning models for predictive analytics and recommendation systems, resulting in greater improvement in accuracy compared to baseline models.
- Managed data cleansing and validation processes, ensuring data accuracy and integrity, and reduced errors up to 10%. Conducted exploratory data analysis to identify trends, patterns, and outliers, providing actionable insights to inform business decisions.
- Communicated project progress, findings, and recommendations to stakeholders through clear and concise presentations and reports and actively participated in knowledge sharing sessions and continued professional development.

PROJECTS

Resume Recommendation System (CDAC, Bangalore)   2025

- Designed and developed a Gen AI project for analyzing the content of resume and providing personalized recommendations as per Applicant Tracking System (ATS) standards using Open AI API.

Fake Reviews Detection using Multi-input Neural Network Model   2021-2022

- During PG, developed and deployed an AI model for detecting fake reviews on Ecommerce dataset.
- Used SVM, MLP, LSTM to attain 91.39 accuracy.

Subjective Answer Sheet Evaluation System   2019-2020

- A UG Project developed to evaluate the scanned answer sheets (image processing) using Google Vision.
- This project aims at developing Artificial Intelligence enabled validation system to avoid incorrect paper correction with accuracy of 90%.

SKILLS

- Python Programming, Libraries: NumPy, Pandas, Scikit-learn, TensorFlow, Keras, Data Visualization (Matplotlib, Seaborn), Streamlit, ML Algorithms: Linear Regression, Logistic Regression, KNN, SVM, MLP, LSTM, Naïve Bayes, Gen AI (Open AI, GPT, Groq, Phi Data, Hugging Face)
- MySQL, PostgreSQL, MongoDB, Google Sheets, Microsoft Excel, HTML, CSS
- Statistics, Data Analysis, Cloud Platforms (AWS S3, EC2, Lambda, Amplify, RDS, IAM), Version Control (Git, GitHub), Linux (Ubuntu), API

EDUCATION

Center for Development of Advance Computing (CDAC), Bangalore   2024-Present
PG Diploma, Big Data Analytics and Machine Learning

Ajay Kumar Garg Engineering College, Ghaziabad   2020-2022
Master of Technology (M. Tech), Computer Science and Engineering   **CGPA: 9.1**

ABES Engineering College, Ghaziabad   2017-2020
Bachelor of Technology (B. Tech), Computer Science and Engineering   **CGPA: 7.5**

CERTIFICATIONS

The Complete SQL Bootcamp   Udemy
Jose Portilla

PUBLICATIONS

Fake Reviews Detection using Multi-input Neural Network Model   2022
(10th International Conference on Recent Trends in Computing)

Detecting Fake Reviews using Multiple Machine Learning Models: A Comparative Study   2022
(2nd International Conference on Computer Vision and Robotics)

A Detailed Review of Different Handwriting Recognition Methods   2020
(International Research Journal of Engineering and Technology)