T M TAHER

+916361002427
tahertadpatri@gmail.com   linkedIN | Github

PROFILE SUMMARY

A highly motivated and results-oriented IT professional with a proven track record in software development, machine learning and deep learning. Passionate about leveraging technology to drive innovation and solve complex business challenges.

TECHNICAL STACK

- **Machine Learning / Deep Learning:** Python, Supervised learning algorithms, Unsupervised learning algorithms, Data visualization, ANN ,CNN ,EDA ,Feature engineering, Feature Scaling ,Deep Learning.
- **Mathematics for ML & DL:** Algebra ,Probability ,Statistics ,Calculus and Matrices.
- **Python Packages and Frameworks:** Numpy ,Pandas, Seaborn, Scikit-learn, TensorFlow ,Keras, Django.
- **Web Development:** Html,css,javascript,Reactjs,Django,DjangoRestframework
- **Programming Language:** Python,Javascript,c++
- **Databases:** mysql,postgresql,sqlite
- **Cloud Deployment and Container:** AWS beanstack, AWS EC2, Netlify, AWS S3

INTERNSHIP

Machine learning intern (prinction)   (Aug -oct 2023)

As a machine learning intern, I worked on a project focused on analyzing real-time data. My responsibilities included cleaning and organizing the data to ensure accuracy and consistency, as well as identifying trends and patterns and building the machine learning model for various use case.

PROJECTS

Enhanced learning of youtube using AI: Github   (Oct2023-Feb 2024)

- This Innovative project leverages AI to revolutionize Youtube Learning
- By simply providing a video URL, users can access concise summaries generated by our AI model,reducing video consumption time by 60%
- It effectively addresses the challenges of lengthy , often exceeding 6 hours , by incorporating a tracking module
- As a result, the overall learning rate increases by 76%.

Reduce the testing time of Cars by Feature Extraction :   (Jan-mar 2023)

- The aim of this project is to leverage machine learning for feature extraction and dimensionality reduction
- enhance the efficiency of testing.
- This project aims to predict the testing time for different car feature permutations
- Contribute to quicker testing and reduced carbon dioxide emissions**.**
- The testing time was reduced by **48%**.

Football Management webapp: (May-aug 2022)

- A football Manager application used by the football manager to organize the team.
- mangers the team, matches, create strategies, planning and stats.

ACADEMICS:

Bangalore Institute of technology (2024)
   B.E in Artificial Intelligence and machine learning – 7.8 /10 cpga

CERTIFICATIONS:

- **Web Development Course** (aug-dec 2022) Infosys springboard
- **Supervised machine Learning** (feb-may 2023) Infosys springboard
- **Deep learning** (sep-nov 2024) Infosys springboard
- **Cloud AWS** (present) Ineuron

PUBLICATIONS:

sahana m, t m taher, zain ahamed . "ai enhanced youtube learning" internation journal of advance research and innovative ideas in education volume 10 issue 3 2024 page 2644-2650.