Maulic Gola

+91-93100 97812 maulicgola16@gmail.com linkedin.com/in/maulic-gola/ github.com/MaulicGola16

Education

VIT Bhopal University Oct 2022 - May 2022
Bachelor of Technology in Computer Science and Engineering(CGPA: 8.6/10) *Bhopal, MP*

J.L.D.A.V. Sr. Sec. School April 2021 - April 2022
Higher Secondary Examination(Class XII) - 84.6 percentage *New Delhi, Delhi*

J.L.D.A.V. Sr. Sec. School April 2019 - April 2020
Higher School Examination(Class X) - 91 percentage *New Delhi, Delhi*

Technical Skills

Languages: C++, Java, Python(Numpy, Pandas), HTML, SQL, Tailwind, JavaScript, React
Technologies: Python, Scikit-Learn, TensorFlow, PyTorch, Django, Flask, Bootstrap, OpenModelica, PyQt5, OMEdit, MySQL, SQLite
Concepts: Object-Oriented Programming system, Data structures, Algorithms, Operating system, Monitoring system, Computer Networks, Artificial Intelligence, Machine learning, Neural Networks, API, Generative AI
Cetrifications and Training:
Applied Machine Learning in Python - University of Michigan (Coursera)
Privacy and Security in Online Social Media - IIT Madras (NPTEL)
Gen AI Using IBM Watsonx - IBM
OCI Data Science Professional - Oracle

Projects

Breast Cancer Detection Model Using Supervised Machine Learning | *Python, Scikit-Learn*

- Developed a machine learning model to classify breast cancer tumors as malignant or benign.
- Led data preprocessing by cleaning, transforming, and preparing raw data to ensure high-quality inputs for model training and evaluation.
- Achieved high accuracy and improved detection rates; findings contributed to the development of an effective breast cancer detection system.

Fake Currency Detection Using K-Nearest Neighbors | *Python, Scikit-Learn*

- Developed a model using K-Nearest Neighbors to enhance the accuracy of fake currency detection.
- Achieved improved accuracy and speed in detecting counterfeit currency; findings demonstrated the effectiveness of integrating ML with traditional methods

Python Desktop App for Open-Modelica | *OpenModelica, Python, PyQt5, OMEdit*

- Developed a desktop application to simulate and analyze dynamic systems using OpenModelica, focusing on model creation, editing, and result visualization.
- Developed simulation models, integrated OpenModelica libraries, and enhanced the user interface.
- Improved system modeling efficiency and user experience for complex engineering simulations.

Extracurricular

- Solved 300+ questions on different platforms like CodeChef, GeeksforGeeks, LeetCode etc.
- Acquired various certifications and has good coding experience as participated in numerous hackathons.
- Participated in AdVITya (Intra-University Badminton event); regularly plays Badminton and Football.

Activities

AI Club, VIT Bhopal | *Member of Research Team*

- Collaborated with team to conduct research on emerging trends and technologies in the AI Industry.
- Acquired communication, collaborative teamwork, and efficient time management skills via active involvement in AI club activities.