Debanik Debnath
West Tripura, India 799004 | (+91) 9863008215 | devanik2005@gmail.com

Debanik21 (Devanik Debnath) (github.com) DevanikDebnath

SKILLS

- **Languages: Python , C++ , C , MATLAB, SQL.**
- **Developer Tools: Git, Google's Kaggle , VS Code, Visual Studio, PyCharm, Anaconda, MySQL.**
- **Libraries: Pandas, NumPy, Matplotlib,Seaborn,Scikit-Learn,TensorFlow .**

EDUCATION

- NIT- AGARTALA | ECE — ***CGPA: 7.74* | 2026**
- XII (CBSE) | U.K Academy (E/M) — *82% | 2022*

EXPERIENCE

- ***C++ Programmer | TechnoHacks EduTech*** — ***Jan – Feb | 2024***
  - Created a basic C++ calculator application
  - Developed a random password generator with user-defined length using C++
  - Implemented a temperature converter application from fahrenheit - celcius and vise-versa
- **Supervised ML | Jupyter Notebook | Kaggle**
  - Applied sophisticated regression algorithms like simple , Multiple and Polynomial Linear Regression in developing predictive systems.
  - Employed Lasso and Elasticnet regression for feature selection.
  - Explored fundamental concepts of supervised ML algorithms , encompassing feature engineering and model selection, employing Logistic Regression and SVM as the central analytical framework.
  - Implemented advanced algorithms – Decision Trees , Random Forest ,& boosting techniques - Ada Boost , Gradient Boost with fine tuning of parameters.

PROJECTS

- **Handwritten Digits Classification (Logistic Regression)**
  - Trained a customized model using Logistic Regression to perform handwritten digit classification. The model is capable of accurate recognition and categorization of my individually hand-drawn digits.
- **HR salary prediction (Polynomial Linear Regression)**
  - *Launched an HR salary prediction project that harnessed the power of Polynomial Linear Regression for accurate employee compensation forecasting by data analysis*.
- **House Price Prediction(Multiple Linear Regression)**
  - Engineered a robust data-driven model utilizing Multiple Linear Regression to predict property values. Incorporated advanced regression techniques along with feature engineering methodologies to enhance the accuracy and precision of property value estimation.

HONOURS & ACHIEVEMENTS

- Attained multiple badges, credentials, certificates and accolades from reputable industry leaders such as IBM , Google , FreeCodeCamp and Microsoft.
- Achieved 3 stars and 50 DAYS BADGE 2023 on LeetCode.