**Debanik Debnath**

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



[@](https://github.com/shradha-khapra)Debanik21 [DevanikDebnath](https://www.linkedin.com/in/devanik/)

**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

* ML Projects: (Predictive Systems & Classifier Models)
  + Applied sophisticated algorithms like Multiple and Polynomial Linear Regression in developing predictive systems.
  + Explored fundamental concepts within classification, encompassing feature engineering and model selection, employing Logistic Regression as the central analytical framework.

**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.

**POSITION OF RESPONSIBILITY**

* **Society Title | Society, College**  *(Date- Present)*

**HONOURS & ACHIEVEMENTS**

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