

Debanik Debnath

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EDUCATION

NIT Agartala

Bachelor of Technology - Electronics and Communication Engineering (2026)

CGPA: 7.47

Umakanta Academy (E.M) (2022)

Percentage(SSC): 92.4

Percentage(HSC): 82.0

EXPERIENCE

ML Projects:[A] Predictive Systems

Utilized advanced algorithms, including Multiple Linear Regression and Polynomial Linear Regression.

[B] Classifier Models

Explored fundamental concepts of classification including feature engineering and model selection(Logistic Regression).

CERTIFICATIONS

Artificial Intelligence Projects with Python

Machine Learning Practical Workout — 8 Real-World Projects

Data Structures and Algorithms using C++: Zero To Mastery

Learn C++ Programming from Zero to Mastery(MAANG)

PROJECTS

Handwritten Digits Classification (Logistic Regression)

- Trained a personalized handwritten digit classifier, fine-tuned to accurately recognize my unique hand-drawn digits.

Height Prediction based on Weight (Polynomial Linear Regression)

- Demonstrated regression techniques to estimate height from weight inputs.

HR salary prediction (Polynomial Linear Regression)

- Initiated HR salary prediction project, applying ML for accurate employee compensation forecasting by data analysis.

Per Capita Income Prediction(Polynomial Linear Regression)

- Employed a model to forecast per capita income for future years using past data.

House Price Prediction(Multiple Linear Regression)

- Developed a data-driven model to estimate property values, employing regression and feature engineering techniques.

SKILLS

Languages: DSA (C++), Python , C++ , C , MATLAB

Developer Tools: Git, Google's Kaggle , VS Code, Visual Studio, PyCharm,Anaconda

Libraries: Pandas, NumPy, Matplotlib,Seaborn,Scikit-Learn,TensorFlow