

Praneet Gogoi

praneet.gogoi@gmail.com | +91 8822441744 | linkedin:praneet-gogoi

EDUCATION

ROYAL GLOBAL UNIVERSITY

BTECH IN COMPUTER SCIENCE
August 2023-2026 | Guwahati, Assam

KENDRIYA VIDYALAYA

Grade-89%
Grad. May 2021| Jagiroad, Assam,India

LINKS

Github: [Praneet Gogoi](#)

LinkedIn: [Praneet Gogoi](#)

Twitter: [@PraneetGogoi](#)

CERTIFICATIONS

- GOOGLE DATA ANALYTICS PROFESSIONAL CERTIFICATE
- HACKERRANK CERTIFICATE ON PYTHON
- COURSE ON C FOR EVERYONE: PROGRAMMING FUNDAMENTALS

SKILLS

PROGRAMMING

Experienced:

- Python • Mysql

Intermediate:

- C • C++ • Java • HTML • CSS

Familiar:

- Javascript • Shell • Rust

EXPERIENCE

NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY | AI/ML AND SEMICONDUCTORS INTERN

Jul 2024 – Aug 2024 | Guwahati, Assam

- Gained hands-on experience in AI/ML, including regression, face detection, and image classification using Python libraries (NumPy, TensorFlow, Keras).
- Worked on FPGA design using Xilinx Vivado, implementing digital circuits with VHDL/Verilog.
- Strengthened skills in machine learning algorithms and semiconductor technology.

PROJECTS

IMDB MOVIES DATASET ANALYSIS April 2024 – May 2024 | Guwahati, Assam

Conducted an in-depth analysis of a dataset containing 10,000 movies spanning 1960-2016 to explore trends and relationships in the film industry.

- Analyzed the relationship between movie popularity and revenue, finding a strong correlation. Identified Drama, Comedy, and Action as the most frequently filmed genres.
- Demonstrated a positive correlation between movie budgets and revenues, providing actionable insights for investment strategies.
- Applied data cleaning techniques to handle missing values, remove duplicates, and create derived metrics like profit.

Tools and Technologies: Python (Pandas, NumPy), Data Visualization (Matplotlib, PowerBI).

PRIVATE VPN

June 2024 – August 2024 | Guwahati, Assam

This project aims to provide a basic framework for establishing a secure connection between a client and a server, ensuring confidentiality, integrity, and authenticity of data exchanged.

- Secure Data Transfer: Encrypts and decrypts data using AES-256-CBC algorithm, ensuring confidentiality and integrity of data.
- Server-Client Architecture: Establishes a connection between a server and multiple clients, allowing for secure communication.
- Error Handling: Implements basic error handling for socket connections and data transfer.

Tools and Technologies: Socket and Cryptography.

LOAN APPROVAL PREDICTION USING ENSEMBLE LEARNING

August 2024 – September 2024 | Guwahati, Assam

Developed a predictive model to determine loan approval decisions based on applicants' financial profiles, leveraging ensemble learning techniques for robust performance.

- Preprocessed and encoded a dataset of 9,578 records, ensuring readiness for machine learning models.
- Conducted EDA to identify critical features like FICO scores and credit policies.
- Built and evaluated Decision Tree, Random Forest, and Gradient Boosting classifiers, achieving 84.6% accuracy with Random Forest.
- Assessed model performance using accuracy, precision, recall, and F1-score.
- Highlighted class imbalance and proposed solutions for improved minority class recall.

Tools and Technologies: Python (Pandas, Scikit-learn, Data Visualization (Matplotlib, PowerBI).