

RUDRANEEL BHATTACHARYYA

☎ +91-6033061894 ✉ rudraneel087@gmail.com [in rudraneelbhattacharyya9](https://www.linkedin.com/in/rudraneelbhattacharyya9) [neelrudra2](https://github.com/neelrudra2)

Education

National Institute of Technology, Agartala

Bachelor of Technology in Electronics and Communication Engineering

Expected 2026

CGPA: 8.17

Don Bosco School, Agartala

Senior Secondary (XII)

2020 – 2021

Percentage: 88.84%

Experience

Technohacks Edutech

September 2023

Programming Intern

Remote

- Developed multiple C++ programs utilizing inbuilt functions, improving execution efficiency by **20%**; implemented advanced algorithms and boosted problem solving using Object Oriented Programming classes to stream code usability.

Technical Projects

Personal Portfolio

- Meticulously crafted digital space that highlights my technical expertise, professional journey, and notable projects.
- Intuitive navigation bar, interactive hamburger icon for mobile navigation, features like tab switching, form submission.
- Integrated an interactive Google Map to showcase locations.
- Tools and Technologies used:** HTML, CSS, JavaScript, Git, GitHub.

Credit Risk Analysis Tool

- This project aims to build, evaluate, and interpret machine learning models to predict credit risk using the German Credit dataset for data pre-processing, data analysis, etc.
- The models used are Logistic Regression, Decision Tree, and Random Forest.
- It contains **1000** instances and **20** attributes plus the target variable indicating the credit risk.
- Tools and Technologies used:** Python, Pandas, NumPy, Matplotlib, Seaborn, GitHub.

Image-to-PDF Converter

- Developed a high-efficiency Image to PDF converter tool for seamless digitization of handwritten notes.
- Users can simply input the image source path and desired output PDF path, and the program will effortlessly generate a clear, well-formatted PDF.
- Tools and Technologies used:** Python, Python Imaging Library (PIL), Git, GitHub

Technical Skills and Interests

Languages: C++, C, Python, JavaScript, SQL.

Libraries and Frameworks: C++ STL, NumPy, Pandas.

Web Dev Tools: HTML, CSS, Django.

Database: MySQL.

Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Operating Systems.

Other Tools: Git, GitHub, MATLAB, VS Code.

Achievements

- GeeksforGeeks: 3 star (1630)**, with **450+** problems. : [Link](#)
- LeetCode: 1434** contest rating, with **100+** problems. : [Link](#)
- Ranked among **top 6** percentile students in **JEE Main 2022**, among **1.4 million** students.
- Certified in **Essentials of Cloud Computing** by **Infosys** covering core cloud services, and security concepts. : [Link](#)
- Certified in **AI/ML** by **IIRS, ISRO** focusing on applying AI/ML techniques for geospatial data processing. : [Link](#)

Positions of Responsibility

- Content Writer-GeeksforGeeks:** Published few articles on the GFG portal, regarding various topics like engineering, campus experience, etc.
- Campus Ambassador-Coding Ninjas:** Hosted webinars and coding sessions, helping students to explore more tech opportunities; increased student participation.