

Rudra Banerjee

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EDUCATION

Maulana Abul Kalam Azad University of Technology

Final year

B.Tech Information Technology

Current GPA: 9.1/10

COURSEWORK

Courses: Object-Oriented Programming, Data Structures & Algorithms, Machine Learning, Discrete Math, Linear Algebra, Calculus, Physics, Probability & Statistics

Awards: Kavach Participation , 50 Days Batch LeetCode

SKILLS

Languages: Python, JavaScript, HTML/CSS, MySQL, Sqlite ,C/C++(Frameworks: React Js, Django, , RestAPI)

Tools: Git/GitHub, Postman, VS Code, Canva , PyCharm

Libraries: Pandas, NumPy, Matplotlib,Seaborn,Scikit-learn

PROJECTS

Open CV Column Text Extraction | *OpenCV, PaddleOCR, PyMuPDF* July 2024

- It is a model which extracts information from both single and dual column resumes
- It is the first part of your project which can be integrated with existing ATS to create world's first dual column parsable ATS.

Anomaly Detection Using phone sensor data | *Python,ML Models,Google Colab, Github* June 2024

- It was a anomaly detection project which was performed during the internship period of Infosys.
- This project consists of two parts i.e. anomaly detection based of sensor data of .csv type and also based on cctv captured images. The accuracy for data were remarkable reaching as high as 99 percent.

Tenzis Game | *React Js, HTML/CSS, JavaScript, Git, VS Code* April 2024

- It was a React Js solo project.It has winner declaration if won and resetting die once won.
- It uses various properties of React like props, hooks(UseState , useEffect), conditional rendering etc.

Blogging Website | *HTML,CSS, Javascript, Django* Jan 2024

- Individual project.Implemented seamless login/logout functionality with comprehensive message feedback, created posts with timestamps, designed an interactive comment section for community engagement, and developed a personalized user account dashboard for enhanced user control

Voice Based Transport Enquiry Sytem | *Python,Sqlite Google Voice API, Git, VS Code* 2023

- It was a 4-people group project .For frontend as well as backend ,we utilized Tkinter(GUI)
- Being on the duty of database, I have used Sqlite instead of MySQL to increase effectiveness by 20 percent for storing the information of trains as we have focused on trains(due to time and space constraints).

EXPERIENCE

IBM - CSRBOX | *Data Analysis Intern* Dec 2024 – Jan 2025
Working on car dataset analysis

InfosysSpringBoard | *AI Project Intern* May 2024 – July 2024
Worked on Anomaly Detection Project

INTERN WINGS | *Web Development Intern* Jan 2024 – Feb 2024
I worked on 2 minor, 1 major project on individual level.Enhanced my proficiency by 40 percent

GDSC MAKAUT | *Web dev Team Member* 2023 – May 2024
Worked to promote consciousness among fellows of the college