

Daulat Singh Jadaun

Roll No.:EC21B022

Email: jadaundaulat2002@gmail.com

Phone: +91-8290050802

Portfolio | GitHub | LinkedIn

EDUCATION

• NATIONAL INSTITUTE OF TECHNOLOGY, ARUNACHAL PRADESH

JAN 2021 to MAY 2025

Bachelor of Technology- Electronics and Communication

CGPA: 7.66

• Thakur Gulab Singh SS School Saipau Dholpur

APR 2018 to MAY 2019

Class 12th

Percentage: 79.60

• Thakur Jaswant Singh SS School Khareri Bayana Bharatpur

MAR 2016 to APR 2017

Class 10th

Percentage: 92.00

EXPERIENCE

Machine Learning Intern

ONGC Ltd.----- Dec 2023 - Jan 2024

- Developed a predictive model to identify customers at risk of leaving a telecom company using scikit-learn.
- Performed data preprocessing on a dataset of 7,000+ customer records, including handling missing values, encoding categorical features, and scaling numerical data.
- Applied Logistic Regression, Random Forest, and XGBoost algorithms; achieved 86% accuracy with XGBoost.
- Used feature importance analysis to identify key churn drivers, such as contract type, tenure, and monthly charges.
- Designed an interactive dashboard in Power BI to visualize churn trends and business insights, aiding decision-making for retention strategies.

Software Development Engineer (SDE) Intern

Exposys Data Lab ---- June 2023 - July 2023

- Built a full-stack burger customization web app using Express.js, React, MongoDB and Node.js (MERN stack), enabling users to dynamically add/remove ingredients and view live updates.
- Planned a modular pricing engine with real-time calculations on both client and server sides, increasing user satisfaction by 15%.
- Implemented RESTful APIs for ingredient management, order storage, and checkout logic with MongoDB for data persistence.

PROJECTS

Blood Group Detection Using Fingerprint (Deep Learning)

- Built a **CNN model** with >80% accuracy to classify blood groups using a dataset of 5,000+ fingerprint images.
- Used **Keras** with TensorFlow backend for training and evaluation, including image preprocessing pipelines.

• **Water Sort Puzzle Game**

- Designed an interactive web-based puzzle game using **HTML, CSS, JavaScript** based on color sorting logic.
- Implemented features like reset, undo, win detection, and increasing difficulty levels, optimizing **DOM manipulation** for responsive performance.

TECHNICAL SKILLS

- Programming: C/C++, OOP, Python, DSA, Java.
- Web Development: HTML, CSS, JavaScript, Node.js.
- Core Computer Skill: Computer Networking, DBMS, AI & ML
- Databases: MySQL, MongoDB.
- Secured 15th Rank on All India Naukri Campus Young Turks Coding Challenge.
- Solved **200+** Leetcode Questions, **250+** GFG Questions.