Abrar ul Riyaz

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in ABRAR UL RIYAZ

Education

Bachelor of Technology (B.Tech)
National Institute of Technology (NIT) Srinagar
2022 – 2026   **CGPA: 8.248**

Skills

Languages: C, C++, Python (for AI/ML)
Web Development: HTML, CSS, JavaScript, React, MongoDB, Django
Machine Learning: Major ML algorithms and their implementation in Python
Other: Data Structures and Algorithms, Neural Networks, CNN, RCNN, Mask RCNN

Projects

Machine Learning Projects (Python + Flask/Streamlit):

- Diabetes Prediction Model using available datasets

- Crop Yield Estimation Model

- Abalone Age Prediction

- Heart Disease Estimation Model

- Iris Flower Type Prediction

- Titanic Survival Prediction Model

- Breast Cancer Classification

Web Development Projects:

- Full Stack Post Creating App using React and Django

System-Level Project:

- Full Network Stack Simulation using C++

Current Projects

Machine Learning:

- Surgical Tool Segmentation in Cataract Surgery (under GAASH LAB, NIT Srinagar)

Web Development:

- Full Stack E-commerce App using React and Django

- Personal Portfolio Website using React

Internship

OCR Development for Regional Languages
AI4BHARAT Lab, IIT Madras
Worked on Optical Character Recognition (OCR) systems for Urdu, Bengali, and Assamese scripts.
Technologies: Surya OCR, GCP OCR, Notion

Languages

English, Urdu, Kashmiri, Hindi