

Rakesh Joshi

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ACADEMIC DETAILS

Examination	University	Year	CGPA/%
UnderGraduate Course:	<i>Graphic Era(Deemed to be) University</i>		
B.Tech(3rd year)	Dehradun,Uttarakhand	2024	9.01
Intermediate exam:	<i>New Beersheba School</i>		
Class 12(CBSE board)	Pithoragarh, Uttarakhand	2021	9.5

FIELDS OF INTEREST

- Programming, Software Development, Web Development, Data Science, Machine Learning, Data Analytics,

TECHNICAL SKILLS

- **Languages** (C, C++, Python, JAVA), **Database** (MySQL), **Front end** (HTML, CSS, JavaScript, jQuery, PHP), **Data Manipulation** (Pandas, NumPy, NLP), **Data Preparation** (Data Cleaning, Feature Engineering), **Research Paper Writing**

PROJECTS

- **Herbarium Plant Classification based on Machine Learning**
(Guide: Miss Garima Sharma, Oct'22 - Dec'22)
 - Objective : DataSet analysis of WII data set on plant species and implemented machine learning algorithm . .
 - Studied various concepts like Dataset cleaning, Data Analysis, Various ML algorithms .
- **Comparative Analysis of Neural Network Algorithms and Image Classifiers for Weed Classification**
(Guide: Miss Garima Sharma, April'23-June'23)
 - Objective : To perform a Comparative analysis of Deep learning algorithms on Weed Classification project .
 - Studied various concepts of Deep Learning like Data pre-processing, model architecture based on different algorithm, metric outcome and analysis of results .
- **Portfolio**
(<https://portfolio-inky-nine-19.vercel.app/>)
 - Objective : Designed a portfolio to introduce my technical interest and projects. .
 - Studied concepts in HTML, designing in CSS and aligning with JavaScript.
- **Developing and Designing a Mental Health Chat-bot using AI**
(using ML, NLP, front-end designing)
 - Objective : Develop a mental health chat-bot using NLP(Natural Language Processing) using different approaches and then designing a front-end using HTML, CSS and JavaScript. .
 - Studied concepts of NLP and related libraries, learn to design a light front end for GUI.

Experience

- Worked on 2 research paper, 1 have been published in Springer (check here).
- Have contributed in Open source projects.
- Participated in various leetcode and codeforce contest.

INTEREST AND HOBBIES

- Table Tennis, Playing Chess.
- Sudoku, Solving Puzzles.