

EDUCATION

•Master of Technology in Biomedical Engineering(Machine Learning)	2022-24
Indian Institute of Technology, Ropar	CGPA: 7.56(till 3rd sem)
•Bachelor of Technology in Biotechnology	2018-22
Dr. Ambedkar Institute of Technology for Handicapped,Kanpur	CGPA: 8.50
•Senior Secondary Education (CBSE)	2016-17
B.S.S. Public School, Raebareli	Percentage: 88.6%

TECHNICAL SKILLS AND INTERESTS

Programming Languages: Python, SQL, Basic C, HTML, CSS, JavaScript
Machine & Deep Learning : TensorFlow, Keras, Sci-kit learn, Numpy, Pandas, Matplotlib, Seaborn, Scipy,Statistics
Tools: Tableau, MS Excel, GitHub, Visual Studio, Autodesk Fusion 360
Areas of Interest: Data Analytics, Deep Learning, Front-End Development.
Soft Skills: Critical Thinking, Self Motivated, Public Speaking, Resilient

EXPERIENCE

• Exposys Data Labs	Oct 2023 - Nov 2023
Intern	Punjab
– Designed and developed a web-based Mass-Mail Dispatcher, enabling efficient bulk email sending by uploading CSV files. Implemented features for sorting valid and invalid emails, enhancing user convenience in managing recipients. Project Link	
• Talentio Solutions India Pvt. Ltd.	June 2019 - July 2019
Intern	Kanpur
– Completed a Verbal Ability and Soft Skills training program by Talentio Solutions at my college. Also, successfully executed a Python mini-project during the training, focusing on breast cancer prediction using machine learning. Project Link	

PROJECTS

•Real-time Yoga Pose Classification using Mediapipe and Deep Learning	June 2023 - May 2024
Dr. Ashish Sahani, Masters Thesis Project,IIT Ropar	GitHub
– Enhanced a health tech solution for yoga pose classification using a custom dataset and Mediapipe for keypoint extraction.	
– Developed a hybrid deep learning model with CNN, LSTM, and attention mechanism for real-time yoga pose identification.	
– Deployed the model with Tkinter, creating a user-friendly interface for practical use and focusing on project enhancement.	
– EXPOSURE: Mediapipe library,TensorFlow, Keras, scikit-learn, Visual Studio, Deep Learning, Python, Tkinter, GitHub.	
•Sales Data Analysis	Feb 2024 - Mar 2024
Course Project	GitHub
– Employed Python, Pandas, and Matplotlib to conduct in-depth analysis of sales data spanning 12 months, addressing various business queries and uncovering key insights.	
– EXPOSURE: Python,Pandas, Matplotlib, Data analysis, Informed decision-making, Visual Studio,Business strategy development, GitHub.	
•Face Recognition-based BMI Calculator Website	Jan 2023 - Apr 2023
Dr. Ashish Sahani, course project	GitHub
– Executed front-end development for a Face Recognition-based BMI Calculator Website, emphasizing intuitive UI design.	
– Collaborated on a health-tech project, showcasing expertise in web design and usability within a team.	
– EXPOSURE: HTML, CSS, JavaScript.	

COURSES AND CERTIFICATIONS

• Cisco-certified:Data Analytics Essentials	Completed exploratory data analysis (EDA) to uncover trends, patterns, and outliers within datasets, utilizing a combination of Excel, SQL, and Tableau analytical software
• CS50x - Harvard University	proficient in computer science fundamentals with C, Python, and JavaScript. Hands-on experience with tools including Flask, SQLite, Bootstrap and git.

POSITIONS OF RESPONSIBILITY

•Placement coordinator	Career Development and Placement Cell, IIT Ropar	May. 2023 - May. 2024
•Batch Representative	M.Tech 2022, IIT Ropar	Aug. 2023 - June. 2024
•Anchoring coordinator	Shankhnaad, Dr.AITH	Feb. 2019 - March. 2019

ACHIEVEMENTS

•Published Book Chapter "Potential of Microbes for the Bioremediation of Heavy Metal–Contaminated Soil"	2023
•Successfully qualified GATE-2022 exam in first attempt.	2022