

EXPERIENCE

- Exposys Data Labs

Oct 2023 - Nov 2023

InternPunjab

– 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

InternKanpur

– 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**

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

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.

EDUCATION

- Master of Technology in Biomedical Engineering

2022-24

Indian Institute of Technology, Ropar

CGPA: 8.17
- 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%

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