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https://github.com/MANN0503

# Manbir Kaur

**Technical Skills:** Java, C++, Python, ML, Excel, Tableau, Jupyter, Power BI, NumPy, Pandas

**Certification:**

- AWS Cloud Practitioner, May 2023 – Jul 2023
- Data Science, Microlearning course, Jan 2023 – May 2023
- Fundamentals of Data Analytics, Jan 2023 – Apr 2023
- Design Thinking for Innovation, Oct 2021 – Nov 2021

## EDUCATION

| Board | Tenure | Educational institution | CGPA/Percentage |
|---|---|---|---|
| B. Tech (CSE) Health Informatics | Jun 2020 –Ongoing | VIT University, Bhopal | 8.51/10 |
| Class XII | May 2020 | LBS Convent School, Kota | 80.0% |
| Class X | May 2018 | MAA Bharti Sr. Sec. School, Kota | 78.6% |

## ACADEMIC PROJECTS

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|---|---|
| Crop Prediction May 2023 – Jul 2023 | <ul><li>Description: Planned and developed a team project as the primary analyst and Flask implementation specialist for the Crop Recommendation System potentially saving farmers up to 70% of costs and make 30% more profits</li><li>Leveraged machine learning techniques, Jupyter notebooks, and advanced ML algorithms to analyze data set and predict the optimal crop for specific environmental conditions which help to speed up process by 100%</li><li>Demonstrated leadership and implemented best practices throughout the project, facilitating effective communication and coordination among a team of 4 members</li><li>Managed the project within stipulated time of 2 months and learned a myriad of new technologies along the way</li><li>Technology: Jupyter, ML</li><li>Link and Results: https://drive.google.com/drive/folders/1qNFbeDDGcw2gn_iMWYJWV3gxMTawfjU9?usp=sharing</li></ul> |
| Hepatic Forecast Sep 2021 – Dec 2021 | <ul><li>Description: Led the data set training phase of the Hepatic Forecast, applying machine learning techniques to predict the presence of liver disease in individuals with a time-frame of 2.5 months</li><li>Planned and implemented a state-of-the-art model using Jupyter notebooks, that helped in powering a 50% increase accuracy, leveraging advanced algorithms to diagnose liver disease</li><li>Communicated and coordinated with team of 3 members, fostered effective collaboration and ensuring project success at 200% pace of work</li><li>Technology: Jupyter, Python</li><li>Role: Data set Analyst</li><li>Link and Results: https://drive.google.com/drive/folders/1p8PSUQvz2bl_v_9A_aav_RUsuthZHxy6?usp=sharing</li></ul> |

## EXTERNSHIP

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| SmartInterz Smart Bridge, May 2023 – Jul 2023 | **Applied Data Science:**<ul><li>Completed assignments and made a final project for final assessment.</li><li>Learned and developed inter-personal skills through great mentors at SmartInterz.</li><li>Reported to Mr. Amarendra Katkam, Mr. Jaya Prakash Ch</li></ul> |

## CO-CURRICULARS

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| Training | <ul><li>Attended vocational training at NPCIL RR Site, Rawatbhata, collaborating with Mr. Ajay Garg in the IT & C sector from Dec 12, 2022, to Jan 12, 2023.</li><li>Employed a comprehensive understanding of job-specific terminology and utilized recording software to ensure accurate documentation from Dec 2022 – Jan 2023</li><li>Reported to Mr. Ajay Garg</li></ul> |

## EXTRA CURRICULARS AND ACHIEVEMENTS

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| Responsibilities | <ul><li>Member, Drama Club, Jul 2022 – Ongoing</li></ul> |
| Extracurricular | <ul><li>Directed and managed a team of 10 and performed in event-closing stage play by Drama Club in AdVITya 2022</li><li>Collaborated and led an IOT project in IOT Unleashed event, AdVITYa, within 4 hrs</li><li>Communicated with judges and presented the project in an apt and concise way</li></ul> |

## ADDITIONAL INFORMATION

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| Hobbies | <ul><li>Passionate about expressing thoughts through writing, particularly in the form of poetry.</li></ul> |

| Languages | ● English, Hindi, Spanish(learning) |
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