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# AAYUSH KATOCH

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## EDUCATION

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**Bachelor of Technology:** Computer And Communication, Expected in 04/2024

**Manipal University** - Jaipur

- 8.78 GPA/CGPA

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## PROFESSIONAL SUMMARY

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Reliable individual with skills and experience as Laboratory Technician. Smart and committed to job well done and offering exceptional drive. Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals.

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## ACCOMPLISHMENTS

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- Collaborated with team of 4 in the development of conference paper on the topic **Image Captioning of Satellite Images** - conference paper.
- Project done on the topic **Crop Damage Assessment using Machine Learning** with accuracy and efficiency -Research paper.
- Project **Cloud detection using Deep Learning techniques** -Research paper .
- **Comparative analysis of deep learning techniques for semantic segmentation** -Research paper .

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## SKILLS

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|-------------------|------------------------------|
| • Java            | • C++,C                      |
| • Python          | • Teamwork and Collaboration |
| • Shell scripting | • Data Processing            |
| • LINUX           | • Data Integrity             |
| • QGIS            |                              |

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## WORK HISTORY

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**Research Intern**, 05/2023 - 10/2023

**ISRO(Indian Space Research Organisation** – Ahmedabad

- Attended meetings and presentations to learn project details.
- Completed research, compiled data, updated spreadsheets, and produced timely reports.
- Gathered, arranged, and corrected research data to create representative graphs and charts highlighting

results for presentations.

- Completed research, compiled data, and assisted in timely reporting.
- Allocated and managed laboratory space and resources.

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## CERTIFICATIONS

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- Researcher Training - **May,2023-Oct,2023**
- Introduction to Computer Vision and Image Processing, IBM - Mar,2023
- Introduction to Artificial Intelligence (AI), IBM - Apr,2023
- Deep Learning with PyTorch : Image Segmentation, Coursera - Jul,2023