

Kuhoo Chandra

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EDUCATION

- **Vellore Institute of Technology** Bhopal, India
Bachelor of Technology - CSE with specialization in AIML; CGPA: 8.97 September 2021 - September 2025
Relevant Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases
- **Eicher School** Faridabad, India
Class III - Class XII 2012 - 2021
Class 12 Aggregate: 95.6% (PCM + Computer Science)
Class 10 Aggregate: 93.4%
- **SICA School** Indore, India
Class LKG - Class II 2008 - 2012

SKILLS SUMMARY

- **Technical Skills:** Python, Java, MySQL HTML, Tkinter, Git
- **Soft Skills:** Leadership, Adaptability, Rapid Learner, Team Handling, Content Writing, Conflict Diffusion

EXPERIENCE

- **Women Engineers Scholar by TalentSprint and Google** Remote
Student 2021 - Present
 - **Selected among 250 students from over 30,000 applicants:** Part of the 2-year mentorship program that focuses on corporate and technical skills training, with 100% cash scholarship
 - **Technical Experience:** Developed clean coding practices, Learning DSA, Working on project
 - **Non-Technical Experience:** Corporate skills training, Attended sessions on self-growth by Google mentors

PROJECTS

- **Asteroid Taxonomic Classification:** Leveraged unsupervised ML to analyze an extensive and unprecedented dataset of solar system asteroid reflectance spectra to develop a novel classification system.
Impact: Acquired experience in end-to-end ML pipeline implementation
Tech: Python (Numpy, os, Matplotlib, Malin), Pandas, Sklearn
- **Noor:** High-accuracy ML web app for brain tumor detection (97% accuracy) from MRI scans. Utilized HTML frontend and Flask connectivity.
Impact: Cultivated computer vision and machine learning skills by hands-on experience
Tech: Python (os, cv2, PIL.Image), Numpy, Keras, TensorFlow, HTML, CSS, Flask
- **VEVA – Voice Enabled Virtual Assistant:** AI based voice assistant in python that can send emails, open YouTube, search on Wikipedia and tell the time among other functionalities
Impact: Learnt about API integration
Tech: Python (pyttsx3, speechrecognition, smtplib, OS, datetime)

ADDITIONAL COURSEWORK

- **Introduction to Data Science in Python (University of Michigan on Coursera):** Course focused on learning the basics of data analysis and data manipulation through Python.
- **Applied Machine Learning in Python (University of Michigan on Coursera):** Course focused on application of simple and advanced ML techniques and methods through python and scikit-learn toolkit.
- **“Machine Learning to Deep Learning: A Journey for Remote Sensing Data Classification (ISRO & IIRS):** This short course taught students about applying ML models on remote sensing data for land-use/land-cover map generation
- **Short Term Training Program (STTP) on ML using Python:** A 5-day virtual seminar by VIT Bhopal that served as the perfect introduction to the basics of ML while simultaneously diving into the recent advances in the ML research community

EXTRACURRICULAR

- **Research paper (work in progress):** Building asteroid taxonomic classification from reflectance spectrum using unsupervised machine learning
- **Conference Paper:** Presented and published at ICIHCNN'22 for an ML project that uses CNN model to detect brain tumors with an accuracy of 97% (Noor)
- **VP, D2C Igniters Club - VIT Bhopal (2022):** Gained managerial experience by handling an organization of 30+ people that organizes technical and non-technical events for student development
- **Content Team Lead, D2C Igniters Club - VIT Bhopal (2021-22):** Managed a team of 5 and ensured consistent creation of quality content for all club needs from MOUs to event proposals

VOLUNTEER EXPERIENCE

- **Student Volunteer Team Manager for STTP - Virtual Seminar by VIT Bhopal (Jan'22):** Worked on ensuring smooth flow of event and was in-charge of content, compering, certificates, student feedback and promotions