

Technical Skills: Python (Numpy, Pandas), SQL, Basics of DSA, Java, C++, Machine Learning
Soft Skills: Teamwork and Collaboration, Problem Resolution, Active Listening, Time Management, Friendly, Positive Attitude, Problem-Solving, Attention to Detail, Flexible and Adaptable, Multitasking Abilities, Critical Thinking
Certification: MATLAB Onramp Course, Simulink Onramp Course, VITYarthi Course (Introduction to Python Programming), Coursera (Applied Machine Learning in Python) , NPTEL (Privacy and Security in Online Social Media)

EDUCATION			
Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	September 2022 - Ongoing	Vellore Institute of Technology, Bhopal	8.6/10
Class XII	July 2022	J.L.D.A.V. Sr. Sec. School	84.6 %
Class X	July 2020	J.L.D.A.V. Sr. Sec. School	91 %

ACADEMIC PROJECTS	
Supervised Machine Learning Model	<ul style="list-style-type: none">▪ Breast Cancer Detection Model Using Supervised Machine Learning (Aug 2023 – Oct 2023)<ul style="list-style-type: none">- Description: Developed a machine learning model to classify breast cancer tumors as malignant or benign.- Technology: Python, Scikit-Learn- Team Project: 5 members- Role: Code Model Developer and Data Preprocessor- Links and Results: Achieved high accuracy and improved detection rates; findings contributed to the development of an effective breast cancer detection system.
K-Nearest Neighbors Machine Learning Model	<ul style="list-style-type: none">▪ Fake Currency Detection Using K-Nearest Neighbors (Feb 2024 – May 2024)<ul style="list-style-type: none">- Description: Developed a model using K-Nearest Neighbors to enhance the accuracy of fake currency detection.- Technology: Python, Scikit-Learn- Team Project: 5 members- Role: Model Developer and Data Analyst- Link and Results: Achieved improved accuracy and speed in detecting counterfeit currency; findings demonstrated the effectiveness of integrating ML with traditional methods.
Desktop App - OpenModelica	<ul style="list-style-type: none">▪ Python Desktop App for Open-Modelica (Dec 2024 – Jan 2025)<ul style="list-style-type: none">- Description: Developed a desktop application to simulate and analyze dynamic systems using OpenModelica, focusing on model creation, editing, and result visualization.- Technology: OpenModelica, Python, PyQt5, OMEdit- Team Project: 1 member- Role: Core Developer responsible for building simulation models, integrating OpenModelica libraries, and enhancing the user interface.- Link and Results: GitHub Repository; improved system modeling efficiency and user experience for complex engineering simulations.

EXTRA-CURRICULARS AND ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none">▪ Acquired various certifications and has good coding experience as participated in numerous hackathons.
Extracurricular	<ul style="list-style-type: none">▪ Participant , AdvITYa (Intra-University Badminton event)▪ Plays Badminton as well as Football.

ADDITIONAL INFORMATION	
Hobbies	<ul style="list-style-type: none">▪ Avid Book Reader – Read numerous novels and a tech enthusiast.▪ Playing Games in leisurely times like chess and various mind-relaxing games.
Languages	<ul style="list-style-type: none">▪ English, Hindi