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Satwik Srivastava

Technical Skills: C++, Database Management Systems, SQL, Java, Machine Learning, Data Structures and Algorithms, Operating System, Computer Architecture and Organization, Computer networks

Certification:

- Applied Machine Learning in Python, Coursera
- AWS Machine Learning Foundations, AWS and Udacity
- Fundamentals of Data Analytics, LEAPS and Futureskills Prime

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE)	Sep 20 –Ongoing	Vellore Institute of Technology, Bhopal	7.81/10
Class XII	May 20	City Montessori School, Lucknow	74.6%
Class X	May 18	City Montessori School, Lucknow	85.6%

ACADEMIC PROJECTS

Machine Learning	<ul style="list-style-type: none">▪ Product Recommendation Engine For E-Commerce (Dec 21 – Mar 21)<ul style="list-style-type: none">- Description: A ML product recommendation model to provide personalized E-Commerce experiences.- Technology: Collaborative and Content-based Filtering to provide results based on purchase history and product rating, improved further to provide results based on textual clustering analysis given in product description.- Team Project: 4 members- Role: Machine Learning Model Developer
Machine Learning	<ul style="list-style-type: none">▪ Face Mask Detection for Educational Institutions (Jan 22– May 22)<ul style="list-style-type: none">- Description: Real-Time Face Mask detection model- Technology: TensorFlow, Keras using OpenCV, implemented using the CNN and later MobileNetV2 model.- Team Project: 4 members- Role: ML model developer

CO-CURRICULARS

Coding	<ul style="list-style-type: none">▪ Hackerrank 5 Star in C++. 3 Star Problem Solving.
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EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	<ul style="list-style-type: none">▪ Code To Contribute - GeeksforGeeks and GiveIndia May 2021 - Contributed in giving to the society by participating in the Coding challenge.▪ TATA Imagination Challenge Sep 2021 - Brushed up my critical thinking skills by participating and solving Case studies and Brand stories.▪ Code Drift January by InterviewBit Jan 2022 - Participated in the CodeDrift 2.0 Coding marathon.▪ XPECTO - IIT Mandi Jun 2022 - Participated in Various technical events and workshops conducted by IIT Mandi
Extracurricular	<ul style="list-style-type: none">▪ GDSC- VIT Student Chapter, Community Member – Dec 21

ADDITIONAL INFORMATION

Languages	<ul style="list-style-type: none">▪ English, Hindi
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