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Harsh Raj

Technical Skills: Python, Java, HTML, MySQL

Certification: Applied Machine Learning in Python, Coursera, Oct 2021, Future Skills: Fundamentals of Data Science

EDUCATION

Board	Tenure	Educational institution	CGPA/Percentage
B. Tech (CSE) AI & ML	Aug 20 –Ongoing	Vellore Institute of Technology, Bhopal	7.63/10
Class XII	May 19	Delhi Public School, Bikaner	60.0%
Class X	May 17	Kendriya Vidyalaya School, Lalgarh Jattan	8.4/10

ACADEMIC PROJECTS

Deep Learning	**Fashify: A fashion-based recommendation system** — Jan 22 – Apr 22 - Description: A feature-based recommendation system that bridges the gap in the market for a product that can help newly-established businesses grow with low investment - Technology: Keras, TensorFlow, NumPy, ResNet50, CNN, StreamLit - Team Project: 4 members - Role: Coding and Documentation - Link and Results: https://github.com/harshraj1512/Fashify-A-fashion-based-recommendation-system
Machine Learning	**Hand Gesture system** — Sept 21– Dec 21 - Description: Enable user to directly access a file, function, or application through hand gestures by eliminating the touch interface and facilitates quick functionality of PC - Technology: Python, Transfer learning, Open CV, ImageNet - Team Project: 4 members - Role: Coding and Documentation - Link and Results: https://github.com/harshraj1512/hand-gesture-control-system

INTERNSHIP

VITyarthi (E-learning portal), VIT Bhopal	**Python Course Development Intern** — Aug 21 – Oct 21 - Assignment was to create hands-on Python coursework to develop an online course for teaching Python from beginner to intermediate level. - After 3 months of tutorial on hands-on coding sessions from basics to Object-Oriented Programming, the complete coursework was created covering all concepts and line-wise explanation of each code. Reported to Dr. Lakshmi D, Project Lead, VITyarthi.

CO-CURRICULARS

Coding	▪ Hackerrank 5 Star in Java

EXTRA-CURRICULARS AND ACHIEVEMENTS

Achievements	▪ Participated in ION<athon> 1.0 which was conducted on Hackerearth and cleared Phase 1 of the competition
Responsibilities	▪ Technical Team member- forza Racing, Bhopal (July 21- Present)

ADDITIONAL INFORMATION

Hobbies	▪ Mixed Martial Arts, Guitar ▪ Writing – Technical Blog
Languages	▪ English, Hindi