

# KANISHKA KATARIA

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## Objective

A curious Technology enthusiast seeking opportunity where I can learn, utilize and grow my skills. I am a vivid learner experimenting in technology with all the skills that I know and the new ones that I learn further.

## Education

Year	Degree	Board / University	Percentage
2019-23	B. Tech (Computer Science with honors in Artificial Intelligence and Machine Learning)	Symbiosis Institute of Technology	85
2018	HSC	CBSE	91
2016	SSC	CBSE	95

## Skills

**Languages:** Java,Python,C,C++

**Database management:** MySQL,MongoDB

**Technologies/Softwares;** Artificial Intelligence,Deep Learning,Machine Learning,Neural Networks,Natural Language Processing,Hadoop,Apache Spark,Tableau,Power BI,Informatica,Excel,Data Science,Data Warehousing and Mining

React.js,Node.js,Html,CSS,Javascript,Spring,Data Structures,Agile Methodology,Selenium

**Soft Skills:** Leadership,Multitasking,Adaptability,Creativity,Analytical Thinking,Teamwork,Orator,Problem Solving,Event-Management,Research

## Academic Work

Projects	1.	Virtual Reality Skateboard Extending Metaverse.-Iot ,Unreal Engine are used for creating terrains and connecting hardware with the skateboard and phone to implement VR skateboard,this implementation is further extended to Metaverse concept where it is made 3 dimensional multi-player game.Hardware used- Arduino UNO,HC06 Bluetooth Module,MPU6050,VR Headset and Skateboard.Tech stack- C++,Unreal Engine
	2.	Indian Recipes Nutrition dataset creation and Nutritional Assessment System-structured dataset of Indian recipes is generated containing recipe information with corresponding image of the final dish and associated nutritional value.Comparative analysis of nutrient value prediction using Cnn and LSTM for different modalities in data.The project is deployed on Streamlit
	3.	Udemy Recommender System using ML clustering algorithms (Hierarchical and K-Means).
	4.	Drug Prediction using ml algorithms( Decision Tree ,Knn). Binary class classification is performed using Decision Tree where the classes are converted into 2 labels only. Knn is used to perform Multiclass classification .Presicion and recall used for accuracy prediction which came out to be 95% for Decision Tree and 92% for Knn
	5.	Fighting Game - a game of two players -2D "Street Fighter" Style Fighting Game. Language and tools used- Java with a fleshed out Run-Time Engine, SpriteSheet Algo, State management, and characters
	6.	The City Companion Application –it aims at providing user satisfaction in searching about the city by allowing one access to all the information related to the city providing details of Hotels,Restaurants,Tourist places,providing functionalities like geolocation,navigation and reviews.This is a Desktop based GUI application built using Java,Swing,Html,MySQL

## Experience

### Principal Global Services – IT Intern

Working with Java,Spring,Maven,Power BI,Informatica,HTML,CSS,Javascript,Reactjs and other frontend techs.

10<sup>th</sup> JAN,23-Present

### Persistent Martian Program - Trainee

- Completed courses on Operating Systems,Computer Networks, Data Structures and Algorithms, DBMS, and Programing using Python, Java, and C++.Applied the knowledge of the same to real-life case studies and achieved 90% results in the assessments.Used java,cpp for implementation of coding programs.

MAY,22- JUNE,22

### Harvard WeCode 22' Scholar

- Awarded 100% scholarship, cleared 2 coding and 1 verbal round.Networked and built relations across the world.

FEB,2,2022

### The Akshaya Patra Foundation (NGO)

- Created campaign named Bhook Mitao,Gyan Badhao where funds of 25,000 were raised to fulfil basic needs of unprivileged children.Created chatbot using Service Now to better user interaction for the campaign.

OCT,21-DEC,21

### SCAAI(Symbiosis Centre for Applied Artificial Intelligence) – Research Intern

- Built a solo project titled 'Predictive Analysis of Tool Wear of Milling Machine using Acoustic Emission'.Spectrograms were created to predict tool wear using Transfer Learning,Image Regression concept using many algorithms like Cnn basic,Resnet50,InceptionV3,MobileNet

SEP,21-JUN,22

### Rotonity Club(official Robotics club) – HR Head

- I conduct interviews for the fresh recruitments along with administering and providing healthy environment to the members

JULY,21-JULY,22

### The Entry Level- Data Analyst intern

- Made a data analytics report on Udemy Courses,for Athena Organization and had built a portfolio for the same. Worked on ML projects , created dashboards on Tableau.
- Awarded with Letter of Recommendation for the same.

MAY,21-JULY,21

### Cultural Fest 2020,Aarambh 2019(college event)

- Headed dance crew for both the events and secured 1<sup>st</sup> position in the competition.

## Certifications

- Sql silver badge on hacker rank
- Coursera certificate on Agile Planning for Software Products by University of Alberta
- Google Qwiklabs badges for machine learning
- Meta Front-End Developer Professional Certificate by Meta