

KANISHKA KATARIA

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EDUCATION

- **Symbiosis Institute Of Technology, Pune** 2019-2023
B. Tech (Computer Science with honors in Artificial Intelligence and Machine Learning)
I have secured 8.7 CGPA and 4th position in the whole CS batch
- **Senior Secondary School Certificate, Jaipur** - Secured 91 % from CBSE Board 2016-2018
- **Higher Secondary School Certificate, Jaipur** - Secured 10 cgpa from CBSE Board 2014-2016

PROFESSIONAL EXPERIENCE

Social Summer Of Code 2.0 - Open Source Contributor June 2023 – present

- Contributing to projects in the domain of Frontend, Deep Learning, Neural Networks, Data Structures and Algorithms using technologies like HTML, CSS, Javascript, React, Bootstrap for frontend development. Tensorflow, Pytorch, Keras for neural networks and deep learning. Java, Python, Cpp for implementation of algorithms and programs.

Principal Global Services, Pune - IT Intern Jan 2023 – April 2023

- Implemented Java, Spring, Maven, Power BI, Informatica, HTML, CSS, Javascript, Reactjs in the projects assigned.

Persistent Systems, Pune - Trainee May 2022 – June 2022

- Completed courses on Operating Systems, Computer Networks, Data Structures and Algorithms, DBMS, and Programming using Python, Java, and Cpp. Applied the knowledge of the same to real-life case studies and achieved 90% results in the assessments. Java Cpp used as programming language for coding.

Harvard WeCode 22' Scholar, USA 2nd Feb 2022

- Awarded with 100% scholarship by clearing 2 coding and 1 verbal round for the esteemed Harvard 2 day Conference.
- Networked and built relations across the world through the meet ups and discussions which were organised.

The Akshaya Patra Foundation (NGO) – Volunteer May 2022 – June 2022

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

SCAAI (Symbiosis Centre for Applied Artificial Intelligence) - Research Intern Sept 2021 – Jun, 2022

- 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 algorithms like Cnn, Resnet50, InceptionV3, MobileNet, Vgg 16

Rotony Club (official Robotics club), Pune - HR Head July 2021 - July 2022

- Interviewed fresh recruitments along with administering and providing healthy environment to the members

The Entry Level, Pune - Data Analyst Intern May 2021 – July 2021

- Prepared data analytics report on Udemy Courses, for Athena Organization and had built a portfolio for the same. Worked on ML projects, designed dashboards on Tableau. Achieved Letter of Recommendation for the same.

Cultural Fest 2020, Aarambh 2019 (college event)

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

PROJECTS

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- Cpp, Unreal Engine

Indian Recipes Nutrition dataset creation and Nutritional Assessment System - structured dataset of Indian recipes is created containing recipe information with corresponding image of the dish and annotated nutritional value. Comparative analysis of nutrient value prediction using Cnn and LSTM for different modalities in data. The project is deployed on Streamlit

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

CERTIFICATIONS

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

SKILLS

Languages: Java, Python, C, Cpp, Linux programming

Database management: MySQL, MongoDB

Technologies/Softwares: Artificial Intelligence, Deep Learning, Machine Learning, Neural Networks, Natural Language Processing, Hadoop, Apache Spark, Tableau, Power BI, Informatica PowerCenter, Excel, Data Science, Data Warehousing and Mining, Restful API, Postman API

React.js, Node.js, Html, CSS, Javascript, Spring Boot, Maven, Data Structures, Agile Methodology, Selenium Testing, AWS, Azure

Soft Skills: Motivated individual with strong leadership, management skills along with being a good orator showcasing broad bands of creativity