

ISHA SHARMA

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EDUCATION

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN, DELHI **2022 – 2026**
B. TECH IN COMPUTER SCIENCE AND ENGINEERING *Current CGPA - 8.968*

KENDRIYA VIDYALAYA NFC VIGYAN VIHAR, DELHI **2021 – 2022**
XII (CBSE) *Percentage - 95.4%*

KENDRIYA VIDYALAYA NFC VIGYAN VIHAR, DELHI **2019 – 2020**
X (CBSE) *Percentage - 95%*

WORK EXPERIENCE

PYTHON AND MACHINE LEARNING INTERNSHIP **June 2023 – July 2023**

ANVESHAN FOUNDATION, COE-AI IGDTUW IN ASSOCIATION WITH AI CLUB IGDTUW

- Completed 7 weeks Python and Machine Learning internship program by along with major project entitled Heart Disease Prediction using Machine Learning on an Imbalanced Dataset including implementation and research paper.
[Certificate of Completion](#)

DESH KE MENTOR **Dec 2022 – Apr 2023**

GOVERNMENT OF DELHI

- Initiative of Delhi government to mentor secondary and senior secondary students of Delhi government schools to mentor and guide them for career related opportunities. [Certificate of Appreciation](#)

SKILLS

- Languages: C++, C, Python, HTML, CSS, Javascript, Dart
- Frameworks/Libraries: Flutter, Scikit-learn, Seaborn, Numpy, Pandas, Matplotlib, Opencv
- Tools: Game Development using Unity, Firebase, MySQL, Canva
- Coursework : Object Oriented Programming, Design and Analysis of Algorithms, Database Management System, Operating System
- Soft Skills: Leadership, Communication, Content Writing, Public Speaking

PROJECTS

TUTORHUB APP - Your Tutor, Your Way!

TutorHub is a comprehensive tutor finder app build in WIEgnite hackathon organized by IEEE IGDTUW that enables users to connect with qualified tutors tailored to their preferences. The app offers students to explore variety of courses, book demo sessions, and built in chatbot ensuring a seamless learning experience for all users.

[Project link](#)

HEART DISEASE PREDICTION

Completed research paper as major project entitled 'Heart Disease Prediction using Machine Learning on an Imbalanced Dataset' during 7 weeks Python and Machine Learning internship. The model achieved an accuracy of 92%.

[Research Paper](#) [Implementation](#)

DOMINANT COLOR EXTRACTION

Streamlit app designed to produce the new modified image on the basis of dominant colors of the original image using K-means algorithm.

[Project link](#)

AWARDS AND CERTIFICATES

Selected in Top 12 teams of WIEgnite hackathon organized by IEEE IGDTUW

Selected for the final pitching round of the top 12 teams among the 500+ participants. [Link](#)

Hacktoberfest 2023

Contributed in Hacktoberfest 2023 and successfully merged 6 pull requests. [Profile link](#)

ISOC 2023

Winner of ISOC (Innerv Summer of Code) 2023 organized by Innerv IGDTUW. [Certificate link](#)

Google Cloud Arcade Facilitator Program 2023

Participated in Google Cloud Arcade Facilitator Program 2023.

Kendriya Vidyalaya Sangathan Scholar

Certification and monetary scholarship for being amongst the top 1.5% meritorious students in CBSE XII Boards. [Certificate of Merit](#)

EXTRA CURRICULAR ACTIVITIES

- Creative team coordinator in E-Cell IGDTUW and Optica Student Chapter IGDTUW.
- Participated in inter-department chess competition organized by Synergy IGDTUW.
- Head Coordinator in Content Team of the technical fest of IGDTUW, Innerv.