

# 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 - 8.88*

**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-week Python and Machine Learning internship program 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++ with Data Structures and Algorithms, 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! | Flutter, Dart, Firebase**

TutorHub is a comprehensive tutor finder application built 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 | Python, Scikit-learn, Numpy, Pandas, Matplotlib**

Researched and implemented machine learning techniques for predicting heart disease on an imbalanced dataset, emphasizing methods to mitigate imbalanced datasets through various balancing techniques. The model achieved an accuracy of 92%.

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

**DOMINANT COLOR EXTRACTION | Python, Scikit-learn, Numpy**

Developed a Streamlit application that utilizes the K-Means algorithm to generate modified images based on the dominant colors extracted from the original image. [Project link](#)

## AWARDS AND CERTIFICATES

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

Selected as one of the **top 12 teams** of WIEgnite hackathon organized by IEEE IGDTUW among the **500+** participants.

[Certificate of Excellence](#)

**Selected in Round 1 of the prestigious American Express Product Analytics Campus Challenge 2024**

Qualified the challenging round 1 of the Product Track of American Express Campus Challenge 2024 out of **1300+** participants.

**Contributor at Girlsript Summer of Code 2024 and Hacktoberfest 2023**

Contributed in GSSOC'24 and Hacktoberfest 2023, successfully merging numerous pull requests into projects.

**ISOC 2023**

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

**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

- Emergded as top mentee upon successful completion of the semester-long DSA mentorship cohort hosted by Protege IGDTUW.
- 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.