

# Smridhi Gupta



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Delhi, IN

## EDUCATION

### BACHELOR OF TECHNOLOGY, ELECTRONICS & COMMUNICATIONS

2020-2024

Indira Gandhi Delhi Technical University for Women | CGPA: 8.26

### QUEEN MARY'S SCHOOL, NORTHERN

- Recipient of the prestigious 'Helen Jerwood All-Rounder of the year' award for the batch of 2020, awarded to only **ONE** student of the passing out batch for excellence in academics, sports, music, and other extracurricular activities.
- President, School Editorial Board
- President, Literary Club

2019-2020

2018-2019

## EXPERIENCE

### AI & DATA SCIENCE MENTOR

9/2022 - PRESENT

Intel

Mentor AI-based project ideas proposed to convert them into implementable products/solution and present them at national showcases.

### RESEARCH INTERN

2/2022 - PRESENT

Indira Gandhi Delhi Technical University for Women

Research Intern under HOD Dr. Nidhi Goel working to build Machine Learning models to be used on Medical Imaging for better diagnosis

### TECHNICAL CONTENT WRITING INTERN

2/2022 - 04/22

DataFlair

Published 45+ research based articles on assigned topics relating to Blockchain Technology.

## PROJECTS

### QUADCOPTER (DRONE) BUILDING

Built a Quadcopter with stable flight and quick response time for accurate control

### IMAGE CLASSIFICATION MODEL FOR LUNG CANCER DETECTION

Built an LSTM model on PyTorch trained on the LIDC-IDRI dataset to detect the presence of pulmonary nodules in CT scans of patients, to aid in the faster detection of lung cancer.

### TODO LIST ON A BLOCKCHAIN

A decentralised application(dApp) to make a **To-Do List** built using **Ethereum smart contracts**

## POSITIONS OF RESPONSIBILITY

### CO-FOUNDER & PRESIDENT

1/2022 - PRESENT

Tezos IGDTUW Student Chapter

Founder and Chapter Lead of IGDTUW's first Blockchain oriented chapter with the vision to increase awareness about Blockchain technology

### TECHNICAL HEAD

06/2022 - PRESENT

Senior Executive Committee IEEE IGDTUW

### ASSOCIATE, TEAM HR

2022

Innervate - Techfest of IGDTUW

## VOLUNTEER EXPERIENCE

### CREATIVE HEAD

07/2021 - 7/2022

RISE ALL FOUNDATION

Manage, mentor and develop a team of 14 students to brainstorm creative ideas so as to make learning fun and engaging for the less fortunate children.

## ACHIEVEMENTS

- Invited as a **Guest Speaker** to deliver an **Introductory Session on Blockchain** by LeanIn IGDTUW for Knowledge Week 2022
- ML/DL **Opensource Project Admin** during IEEE Week of Code 2022
- Presented my Research Model for Lung Cancer Classification to the **Honorable Lt. Gov. of Delhi** in August 2022
- Research Paper on '**Lung Cancer Classification using LSTM**' got accepted in the reputed AIST Conference
- Selected in the **Top 15 teams all over India** in the Mercedes Benz TechSign Challenge
- Harvard WEAmplify'22 Scholar** for the WECODE Conference 2022 organized by Harvard University
- Certified in '**Building Conversational AI Applications**' and '**Application of AI for Predictive Maintenance**' by NVIDIA Corp.
- Published a **DSA Article** on GeeksforGeeks.com
- Certified in '**Intermediate Python**' from **DataCamp**
- Certified in '**Getting Started with Threat Intelligence and Hunting**' by IBM
- Completed '**30 days of Google Cloud Computing Challenge**'
- Got selected as a Research Fellow by Phemex Student Organisation for a DeFi research project with a scholarship of \$3,000. Unfortunately, offer had to be retracted as the company policy allowed it exclusively for students in US-based universities only.