




Education

- August 2019 - Present  **B.Tech ECE**, Jamia Millia Islamia, New Delhi, (9.1/10 till 2nd Sem)
- April 2004 - March 2019  **Science Stream**, The Frank Anthony Public School, New Delhi, (98%, ICSE 12th)


MOOC

- Mar 2021 ([Issued](#))  Machine Learning: From Basics to Advanced
- May 2021 ([Issued](#))  Python and Flask Framework
- Oct 2020 ([Issued](#))  Developing Innovative Ideas for New Companies: The First Step in Entrepreneurship, Finance for Startups






Projects

Machine Learning




[Mini Projects Collection](#)

-  Real and fake bank notes classification, Forest Fire Regression Analysis, Heart attack risk classification, Metals and rocks classification, Linear Regression analysis on 3 miscellaneous data-sets.

[OpenCV Projects](#)


-  Air-Piano, an air-based piano enabling the person to play through hand(fingertip) movements.
-  Air-Drum System, an air-based drum beat generator.
-  Background Color Detection, uses 2 techniques to detect a suitable background for the input image.
-  OMR Bubble Scanner, calculating and displaying the result obtained on the OMR sheet.
-  Document Scanner, using static clicked images; and Barcode Scanner, using pyzbar library.

[Deep Learning Practice](#)

-  Face Mask Detection, a real-time face mask detection project in which it is detected whether the person is wearing a face mask or not.
-  Human Emotion Detection, Pneumonia Prediction models.
-  Digit classification, Fashion apparel classification and California House price prediction using MLP.

Web Development

[Banking System](#)



-  The project contains a simple banking system that enables to transact between the customers. It uses HTML, CSS, bootstrap, PHP, and MySQL, with the local server provided by the XAMPP.

[Website Template for InnervSOC](#)

-  As a part of the InnervSOC competition, designed a complete website template for Innerv Tech-Fest 2020, IGDTUW. **I was the adjudged winner.**



Work Experience

Engineering

- December 2020 - January 2021  **Web Development & Design Intern**, The Spark Foundation.
Completed two tasks of building a demo-banking system and making a donation web-page with payment gateway integration.
- December 2020 - February 2021  Web Development Volunteer, M.I.N.D.S
Responsible for the development and timely updating of their website.

Work Experience (continued)

Open Source Participation





- October 2020 - November 2020  Successfully completed the Hacktoberfest'20.
- December 2020 - January 2021  Contributed in Winter of Code, IIT Kharagpur (kWoC).

Pro Bono

- January 2021 - Present  **Youth Ambassador**, *HundrED Global Organisation*.

Miscellaneous

Skills

- Languages  Python, Java, HTML/CSS, PHP, Javascript
- Libraries  NumPy, Pandas, Matplotlib, Sklearn, OpenCV, JQuery
- Database  MySQL
- Interpersonal  Communication, Public Speaking, Critical Thinking, Team Leadership, Team Management.

Awards

- June 2019  **INSPIRE Science Award For Top 1%:** Scholarship for Higher Studies by Govt. of India.
- August 2017  **Mr. G W Mayer's Merit Scholarship:** Awarded for excellence in Mathematics and Science.