

ANISHA AGRAWAL

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EDUCATION

IIIT Naya Raipur

B.Tech - CGPA - 9.20

Ryan International School

CBSE - 12th - Percentage - 95.8%

Dec 2020 – July 2024

Raipur, Chhattisgarh

2019 – 2020

Raipur, Chhattisgarh

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, SQL, HTML, CSS

Technologies/Frameworks: Linux, GitHub, ReactJS, NodeJS, Git, OpenCV, Machine Learning, Deep Learning, Adobe Illustrator

PROJECTS

Millet Crop Disease Identification | OpenCV, Deep Learning

- * Working on a robust and autonomous deep learning based leaf disease detection and classification system.
- * Can identify and distinguish millet crop types and their leaf diseases.

Cerebral Infarction Classification using PPG Signals | Machine Learning, Signal Processing

- * Working on a cost-friendly, non-invasive and fast early stroke detection system.
- * Based on features extracted solely from the PPG waveform of a patient.

Algopylib [↗](#) | Python, MyPy

- * A pip library that contains modules for math functions, algorithms, and puzzles commonly used by programmers.
- * Over **3.5K** downloads on Python Package Index (PyPI). [Link here.](#)

Crime Record Management System [↗](#) | MySQL, PHP, HTML, CSS

- * A database system for maintaining crime records, removing the need of tedious paperwork.
- * Contains functionalities for filing FIRs, and keeping crime, criminal, police stations and officer records.

Priority Based Traffic Management System [↗](#) | Arduino UNO, Ultrasonic Sensors, NRF Module

- * Built an IoT based traffic management system that works on priority of lanes rather than fixed time intervals.
- * Adapts to the real-time density of the lanes at crossroads to save standing time.

EXTRACURRICULAR [↗](#)

GirlScript Summer of Code

March 2021 – Aug 2021

Contributor

- * Actively contributed to multiple open source projects, made PRs based on Front-End Web Development.

The Society of Coders

Aug 2021 – Present

Core Member

- * Core member of the official coding club of the institute.
- * Organized multiple competitive coding contests where problems were self-brainstormed, helped over 120 students kickstart their coding journey.
- * Lead organizer at various hackathons, including Hack-a-Sol 2.0, the pan India hackathon hosted by IIITNR, and HackManthan - organized with Chhattisgarh Police.

ACHIEVEMENTS

- **2X Kaggle Expert**
- Competitive Coding: **Codeforces** - 1022, **Codechef** - 1624 (3 Star)
- School Topper in both 10th and 12th grade.
- Volunteered as Graphic Designer at Hack-a-Sol, the annual hackathon hosted by the institute.
- Received INR 30,000 for securing 2nd position at a national level art competition.