RITESH KUMAR MAURYA

riteshk.m.786@gmail.com · +917897461387 · LinkedIn · GitHub · Codechef

EDUCATION

Motilal Nehru National Institute of Technology, Allahabad

B. Tech   Biotechnology   GPA: 8.79   2021-2025

Ram Lakhan Public School, Varanasi

AISSCE   CBSE   96.20%   2020

SKILLS

Programming Languages   **Python**, **C++** (STL), HTML, CSS, JavaScript.
Frameworks/Libraries   **Django**, TensorFlow, Keras, NumPy, Pandas, Matplotlib.

Experience

Contributor | GSSoC'22   [Mar 2022-May 2022]
- Girl Script Summer of Code'22 Contributor
- Contributed to project Breast Cancer Prediction with 2 PRs and 4+issues [link]

PROJECTS

Facial Expression Detection [GitHub] [YouTube]
- It takes a live image of a person and tells the expression it contains, e.g., Angry, Happy, Sad, Calm, etc.
- Based on **Deep Learning**, it uses **TensorFlow** for training the model over a dataset consisting of the above expressions and Haar Cascade in **OpenCV** for Face detection (& increase accuracy) and is implemented in **Python**.
- **200+ Stars** on GitHub and **100K+ views** on YouTube.

WebDart[Link]
- An Open-source Machine Learning based website where users enter their Instagram handles and the web app will predict if they are mentally healthy, based on their posts.
- It was built during **DevJam 2022** in a team where I developed the backend of the website.
- Django, TensorFlow, and Keras were used for the project.

MyVendor [Demo]
- A real-time Shopping Portal for fresh Vegetables.
- Features include Product Viewing, **Login**/**Signup,** and Checkout/order placement (using **PayTM** payment gateway) from Cart.
- Used **Django** Web Framework as the backend; **HTML**, **CSS**, **JavaScript,** and **Bootstrap4** for the frontend; Django Allauth and Pycryptodome for secure authentication.
- Order information is saved in Django Database (**MySQL**).

ACHIEVEMENTS

Open-Source Contributor participated in Hacktoberfest 2021 with 6 merged PRs and various other contributions in CCExtractor's Rekognition project(link).

3* Coder on Codechef Competed in various contests of Competitive Programming, secured rank **88** out of 10,000+ contestants in Codechef long challenge

YouTuber 3.5K+ Subscribers, **500K+ Views** & 20+ videos [youtube.com/c/RiteshKumarMaurya]

Certificate of Completion of **Algorithms Specialization** course on Coursera by Tim Roughgarden from Stanford University.