Aayush Talesara

✉ aayush.talesara10@gmail.com   📱 +91-9461262490   ○ elitesf   in aayush

Codechef: aayush1005   Hackerearth: aayush361   Leetcode: elitesf

EDUCATION

Indian Institute of Information Technology, Allahabad   **Allahabad, India**
BTech in Information Technology   ***CGPA: 8.65***   *July 2018 - Present*

St. Anthony Senior Secondary School   **Udaipur, India**
Class XII, CBSE.   ***Percentage: 95.4***   *May 2018*

Alok Senior Secondary School   **Rajsamand, India**
Class X, CBSE.   ***CGPA: 10.0***   *May 2016*

TECHNICAL SKILLS

Programming Languages	C, C++, Java(Basic), Python(Basic)
Databases	MySql
Tools/ Platforms	Linux, Jupyter-Notebook, Netbeans, VS Code
Relevant Courses	Data Structures and Algorithms, Operating System, DBMS, Object Oriented Methodologies, Computer Networks.

PROJECTS

- **TEACHING ASSISTANT(TA) TRACKER**   *Feb 2021- March 2021*
  - Aimed at solving limitations of **Google Classroom**. Interactive dashboard for students, teachers and TA's.
  - Simplifies evaluation process as teachers can assign TA's to students, and track **TA's performance**.
  - Students can submit assignments, see results, raise queries. TA's can resolve queries and self-assess performance.
  - **Tools/ Technology :** MySQL, Node.js, HTML, CSS, Javascript
  - **My Contribution :** Made file uploader, query raiser and manage database

- **CHECKERS GAME**   *Nov 2020*
  - Built a human v/s bot checkers game using **Java OOPS** and **AI heuristic** approach.
  - After human make its move, computer predict next optimal move using **Minimax** algorithm.

- **REAL TIME DOUBT DISCUSSION PORTAL**   *Sept 2020 - Nov 2020*
  - A one to one web platform facilitating students to get their doubts solved in an interactive session with a tutor.
  - Real time interaction via text-chat, video conferencing and white board possible. One can be both student or tutor.
  - **Tools/ Technology :** Node.js, MongoDB, Simple Peer, HTML, CSS
  - **My contribution :** Designing front-end part.

- **IMAGE CREDIBILITY ANALYZER**   *Feb 2020*
  - Detects **fake images** having their description manipulated. Web scraps the image on fake-news detection websites.
  - Finds relevant keywords using **cloud vision** and match them with provided description using Word2Vec.
  - Use **hamming distance** for analysis and gives probabilty of manipulation.
  - **Tools/ Technology :** Python, Beautiful Soup, Google cloud vision, Word2Vec.
  - **My Contribution :** Web-scrapping, finding similarity between actual and input news.

ACHIEVEMENTS AND AWARDS

- **4 star** at Codechef | Global Rating: **1874**
  - Global Rank **190/6K+** in February Lunchtime 2021,   Global Rank **514/7K+** in January Cookoff 2020
- Hackerearth | Global Rank: **4707**
  - Global Rank **35/600+** in DSA contest Feb 2021,   Global Rank **24/800+** in December Easy 2020
- **Specialist** at Codeforces
  - Global Rank **1504/15K+** in Round 719 Div3 2021
- Secured **3rd** rank in Prototype IIITA 2.0, a inter-college Hackathon in Feb 2020
- Qualified JEE MAINS in 2018 with 99.5 percentile and JEE Advanced with AIR 9556
- Secured fellowship in Kishore Vaigyanik Protsahan Yojana **(KVPY)** conducted by IISC Banglore in 2018.
- Qualified National Talent Search Examination conducted by NCERT in 2016.

POSITION OF RESPONSIBILITY

Teacher at PRAYAAS, an initiative by IIITA students to educate underprivileged kids.