Bhavishya Tiwari

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Codeforces | Codechef | GeekforGeeks | Leetcode

EDUCATION

Degree/Certificate	Institute	CGPA	Year
B.Tech. Major	Indian Institute of Technology Indore	7.41 (Current)	2020-Present

PROFESSIONAL EXPERIENCE

- **SDE intern at Jio Platforms Limited** *June. 2023 - Aug. 2023*
  AICOE - Artificial Intelligence Team Link
  - Open CV: Utilized OpenCV and YOLOv8 for robust object detection, accurately identifying and localizing multiple objects from videos and images, regardless of their orientation.
  - Data analysis: Utilized numpy and pandas libraries to analyze large datasets and extract valuable insights for JIO.
  - Natural Language Processing (NLP): Applied spacy, a popular NLP library, to process and analyze text data, enabling JIO to gain insights from unstructured data sources.
  - Statistical analysis: Conducted statistical analysis on datasets to identify patterns, trends, and correlations.
  - Problem-solving: responsibly tackled complex data-related challenges for the Organization, employing analytical thinking and troubleshooting skills to overcome obstacles and deliver actionable solutions.
  - Tech stack used: YOLOv8, MMRotate, SpaCy, Numpy, Pandas

PROJECTS

- **Covid-Survivors** *Apr. 2021 - Aug. 2021*
  IITISoC'21 Github
  * The app provides a COVID-19 helpline facility with features to enable hospitals to register themselves and their employees and make appointment requests created by patients to their nearby hospitals.
  * Contains a 4-level authentication system(City admin, hospital employees, User/Covid-Survivor) built using the inbuilt Django authentication.
  * Shows the latest COVID-19 data across the globe on a map using Mapbox.
  * Tech stack used: Django, SQLite, HTML, CSS, JS, JQuery, Mapbox, and Public APIs for Covid-19 data.

- **Astronomy Club Website IIT Indore** *Feb. 2022 - Apr. 2022*
  Club Project Github
  * Created Astronomy Club website for seamless member content sharing.
  * Orchestrated a dynamic platform with personalized profiles for collaborative engagement.
  * Streamlined web infrastructure for easy uploading of seminars, interviews, publications, blogs, and activities.
  * Enhanced Club's online presence with an intuitive website, fostering vibrant community engagement.
  * Tech stack used: Django, SQLite, HTML, CSS, JS, JQuery.

SKILLS

- **Programming**: C++, Data Structures and Algorithms, Python*, Code optimization
- **Tools**: OOPs, DBMS, SQL, Operating System, Django
- **Artificial Intelligence**: Computer Vision, CNN, RNN, LSTM, ANN, NLP, SpaCy, Transformers
- **Soft skills**: Observation, Planning, Problem-solving, Communication, Collaboration and Adaptability

POSITIONS OF RESPONSIBILITY

- **Head - Creative Design Team**, FLUXUS'23 (IIT Indore's Techno Cultural Fest) *July. 2022 - March 2023*
- **Head - Design and Aesthetics Team**, TEDx IIT Indore'22 *Dec. 2021 - Apr. 2022*
- **Member and Web Team Head**, Astronomy Club, IIT Indore *Sep. 2020 - Present*
- **Inter IIT Tech meet**, Represented IIT Indore at 10th Inter IIT Tech meet *Mar. 2022 - Apr. 2022*
- **Team mentor**, IITISoC '22 and IITISoC '23 Edition *July. 2022 - Aug. 2022 and June 2023 - July. 2023*

ACHIEVEMENTS

- **Codeforces**, Specialist (Max Rating: 1533)
- **Leetcode**, In the top 6% of global users by contest rating (Max Rating: 1820)
- **CodeChef**, 4 star coder (Max Rating: 1876)
- **Global rank 1**, Achieved Global Rank 1 in CodeChef June Long Two 2022 (Division 3)
- **Solved 1000+ DSA Problems**, Across Various Coding Platforms (Links attached)