Anurag Yadav

LinkedIn Github Website Codeforces Leetcode

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EDUCATION

Indraprastha Institute of Information Technology, New Delhi   CGPA: 8.06
B.Tech(CSE), 2019-Present   *till sem 6*

Adash Vidya Bhawan Public School, New Delhi
- CBSE(XII), 2018-2019   Percentage: 91.8
  CBSE(X), 2016-2017   CGPA: 10.0

SKILLS

- **Programming Languages** : C++, Python, Java, Javascript
- **Technologies & Tools**: Git, React, JavaFX, MySQL, Flutter
- **Technical Electives**: DSA, DBMS, Advanced Programming, ML, Computer Vision

EXPERIENCE

- **Expedia Group** (SDE Backend Intern)   (May 2022 - July 2022)
  - **Automated** the process of **Network request** , Which will save the time and get the work done faster.
  - Added Several features in the UI such as **Pagination** , Word limit countdown and did the **API documentation**.
  - Tech Stack used **Flask** , **Javascript** , **Python** ,**AWS Lambda**
- **Cloud Labs @ IIID** (Software Developer)   (Aug 2022 - Present)
  - Developing website for students to enhance their Lab experience. Working on **frontend** , **backend** and database.
  - Website is currently being used by **100s** of students.Tech Stack **Django**, **Javascript**,**Python**
- **Microsoft Engage 2021** (Software Developer)   (June 2021 - July 2021)
  - Mentoring by Microsoft Employees . Developed a Fully Functional Prototype App of Microsoft Teams.
  - Tech Stack **Agile Scrum Methodology** , **Flutter**,**Dart**,**Agora SDK API**

PROJECTS

- **Color Switch Game** Guide: Dr. V. Raghava Mutharaju **Github**   (Sep 2020 - Dec 2020)
  - Developed a clone of a popular Android/IOS game, working with animations using **JavaFX** and using **OOPS** concepts, along with features to save & load games using **Serializable interface**.
- **Shopify** Guide: Dr. Mukesh Mohania **Github**   (Jan 2022 - Apr 2022)
  - Designed a system that maintains the **Database** of a Shopping website along with its Fully Functional **Website**.
  - Techniques like **Normalization** & **Indexing** have been used to create the tables in the database.
  - It caters to a variety of **Stakeholder** needs, provides solutions in an efficient way and promotes a connection between Sellers, customers.
  - **React.JS** ,**Node.JS** and **MySql** has been used.
- **Traffic Rule Violation Detection** Guide: Dr. Koteswar Rao Jerripothula **Github**   (Jan 2022 - April 2022)
  - Detects traffic violations like over-speeding and crossing the Signal using **Computer vision** and **Image processing.**
  - used DL and Non DL approaches like **background substraction** , **Yolo classifier** , **cascade classifier**.
- **Dream Team Creator** Guide: Dr. Jainendra Shukla **Github**   (Aug 2021 - Nov 2021)
  - Made a model that will make a team which will win the tournament by using the data present online.
  - Models such as **Logistic regression** , **naive bayes** , **decisions tree** , **Random forest** were used.
  - Analysed the **correlation** of features with winning and narrowed down the features.
- **Risc V Assembler** Guide: Dr. Sujay Deb **Github**   (Aug 2021 - Nov 2021)
  - C++ Program taking assembly code as input in the form of string and converting it in **binary code** Instruction of 32-bit and then storing it into a file "binary.txt".
  - designed a simulator that simulates a subset of **RISCV(RV32) ISA** in C++. The main components of this simulator are **Main Memory** , **registers** ,**instruction register** , **program counter(pc)**.
  - Simulator Stages **Instruction Fetch**, **Decoding**,**Execution**, **Memory**, **Writeback**

POSITIONS OF RESPONSIBILITY

- Volunteer -ESYA (Tech fest) Event - Design Hackathon   (August 2019)
- Volunteer -Odyssey (Cultural Fest) Event - Gaming.   (January -2020)
- Community Volunteer - -Rising Star Khilte Chehre (NGO)   (May 2021 - Jul 2021)

AWARDS & ACHIEVEMENTS

- **Expert max-1604 on Codeforces (1929Hrs07)**
- **Google Hashcode : All India Rank: 90, Global Rank: 553**
- **Google Kick Start Round F 2021 Rank - Global Rank 610**
- **Reply Challenge'21 - All India Rank 24 , Global Rank 166**
- **4 star on CodeChef**