Yuvraj Singh

📞 +91 954-091-8736   🔗 yuvrajsingh808/

🏁 India   ✉️ yuvrajsingh808@gmail.com

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Education

Indraprastha Institute of Information Technology, Delhi	*B.Tech Computer Science*
Current CGPA: 8.35	*Jan 2021 – Present*
Neo Convent Sr. Sec. School	*CBSE*
12th Percentage: 91.6	*2017 – 2019*
Neo Convent Sr. Sec. School	*CBSE*
10th CGPA: 9.4	*2005 – 2017*

Technical skills

Programming Languages	C/C++, Java, Python, Dart, Javascript, SQL, Scala
Tools and Technologies	Flutter, React, Apache Spark, Hadoop, Big Data
Technical Electives	Machine Learning, Deep Learning, Natural Language Processing

Work Experience

Reliance Jio   *May 2023 – July 2023*
Data Engineer Intern   *Gurugram, India*
- Worked as a summer intern at Reliance Jio in the Analytics COE team
- Learned about Big Data and technologies like Apache Spark, Hadoop, Nifi, Kafka and the programming language Scala.
- Successfully completed the internship with a real world project developed under the guidance of my mentor.

MyClanMate (Startup)   *April 2021 – April 2022*
Flutter App Developer intern   *Remote*
- Worked as Flutter app developer for a startup
- Developed fantasy cricket gaming platform where I worked on state management, user authentication, payment gateway and AWS Amplify
- Successfully tested the application in our college

Freelance works   *2021 - Present*
Web/App development freelancer   *Remote*
- Been working as a web/app development freelancer since 2021
- Developed personal portfolio websites for various clients using technologies like React, Firebase, Flutter, Node, Typescript and more.
- Expanded my skillset using these freelance projects

Projects

Runtime optimization of Caffe   *Aug 2022 - May 2023*
Professor Vivek Kumar   *HiPec Lab, IIIT Delhi*
We optimized the time and energy consumption of a deep learning framework Caffe. We used the concepts of multi-threading, and calculated Joules per instructions to discover the bottleneck in the code.

Workout based music recommendation system   *Jan 2023 - May 2023*
Professor Jainendra Shukla   *IIIT Delhi*
A music recommendation system which detects the user's current exercise through a deep learning neural network and generates recommendations based on the user's exercise and preferences

Attendance App   *Jan 2023 - May 2023*
Professor Pushpendra Singh   *IIIT Delhi*
An attendance app that uses Face recognition and authentication to mark attendance of users, especially made for pandemic times. Made using Flutter, Firebase, Tensorflow and machine learning.

Soft skills

Development	Have a keen interest in software development and have been working on applications since 2020
Problem Solving	Loves solving algorithms based problems

Positions of Responsibility

President	Student Council, IIIT Delhi	*2023 - Present*
Organizer	TEDxIIITD	*2023*
Coordinator	ACM IIIT Delhi	*2022*