Aditya Kumar

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EDUCATION

IIT JODHPUR
BTech in Computer Science
Minor in Management *(ongoing)*
Expected 2022 | Jodhpur, India
GPA **7.55/10** *(upto 6th sem)*

LA MARTINIERE COLLEGE
Class 12 | ISC
2017 | Lucknow, India
Percentage: **92%**

LA MARTINIERE COLLEGE
Class 10 | ICSE
2015 | Lucknow, India
Percentage: **91.33%**

SKILLS

LANGUAGES
• C/C++ • Python
• JavaScript • Java

TECHNOLOGIES
• Django • ReactJS
• HTML/CSS • MongoDB
• React Native • MySQL
• NodeJS • ExpressJS

OTHERS
• OpenCV • Android Studio
• Tensorflow • Keras
• PyTorch • EC2 • S3

COURSEWORK

UNDERGRADUATE
Computer Programming
Discrete Mathematics
Object Oriented Analysis and Design
Data Structures and Algorithms
Theory of Computation
Computer Architecture and Org
Software Engineering
Artificial Intelligence
Algorithm Design and Analysis
Database Systems
Computer Networks
Operating Systems
Compiler Design

LINKS

Github:// **adityag5582**
Portfolio:// **Aditya Kumar**
LinkedIn:// **Aditya Kumar**
Codechef:// **adityag558**

EXPERIENCE

SPEEDLABS | Tech Intern
June 2020 – July 2021 | Certificate ⬀
- Worked on online test creation module where teachers can create their own test chapter wise or subject wise and schedule tests for students
- Technologies used : **NodeJS, Mysql, ReactsJS, ExpressJS, Redux**
- Recieved **Cruising and Crushing It** reward in Tech Review Meet-II.

PROJECTS

ATRANZ:E-COMMERCE WEBAPP | Freelancing Project
April 2021 – May 2021 | Deployed at atranz.in ⬀
- Developed an E-commerce WebApp for AtranZ, a Patna based startup specialising in women clothings.
- Technologies used : **NodeJS, MongoDB, ReactsJS, ExpressJS, EC2, S3**

SEMANTIC PLAGIARISM CHECKER | B.Tech Project
Mentor : Dr. Romi Banerjee | Dec 2020 – Mar 2021 | Github ⬀
- Handwritten scanned documents are converted to digital text using Microsoft API and then similarity features are calculated for converted text to measure similarity between documents
- Worked on binary classification, multiclass classification and regression models to predict plagiarism and text entailment between scripts

AUTOMATIC ANSWER GRADER | B.Tech Project
Mentor : Dr. Anand Mishra | Jan 2020 – Aug 2020 | Github ⬀
- Worked on image processing algorithms, developed a python script capable of grading OMR sheets and created API for same using flask
- Built a cross platform mobile app using React Native which allows the users to grade OMR sheets by uploading pictures of the answer sheets

DIVINE HOSPITAL WEB APP | Freelancing Project
July 2020 – Aug 2020 | Deployed at divinehospitalsiwan.com ⬀
- Developed Web App for Divine Hospital, Siwan using **Django**
- Established functionality of booking appointments, also users can see information about the doctors and services offered by the hospital

VID - STREAM AND DATABASE | Course Project
Mentor : Dr. Romi Banerjee and Dr . Ravi Bhandari
Dec 2020 – Feb 2021 | Github ⬀
- Combined course project for Computer Networks and Database Systems
- Established functionality of video streaming over LAN and later saving streamed video on the devices connected over the network

ACHIEVEMENTS

- Placed among 0.6% of 1.05 million JEE 2018 aspirants
- Highest rating of 1920(adityag558) on Codechef
- Secured 1669th rank in ICPC 2020 Preliminary Round among 7224 participants.

POSITIONS OF RESPONSIBILITIES

2019-20   **Volleyball Captain** | IIT Jodhpur
- Managed team of 30+ members and organised other activities of the club and lead team to INTER-IIT SPORTS MEET 2019