

Harshita Kalani

Sophomore | Computer Science & Engineering | IIT Jodhpur
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EDUCATION

IIT JODHPUR

B.TECH IN COMPUTER SCIENCE & ENGINEERING

CUMULATIVE CGPA: 8.8/10

2022 | Jodhpur, India

MGPS, JAIPUR

CLASS 12 | HSC | MARKS: 95.2%

CLASS 10 | SSC | MARKS: 95.8%

SKILLS

LANGUAGES

PROFICIENT

Python • C++ • C

Dart • HTML • CSS

FAMILIER

Java • MySQL • JavaScript •

DEVELOPMENT

Django • Flutter • Google Cloud
Git • FireBase

OTHER SKILLS

Competitive Programming
Full Stack Web Development
App Development
Public Speaking
Webinar Hosting

LINKS

Portfolio:// [HarshitaKalani](#)

Github:// [HarshitaKalani](#)

LinkedIn:// [HarshitaKalani](#)

CodeChef:// [HarshitaKalani](#)

COURSEWORK

UNDERGRADUATE

Pattern Recognition & Machine Learning
Data Structures and Algorithms
Probability, Statistics & Stochastic Processes
Signals and Systems
Software Engineering
Mathematics for Computing

MOOC

Flutter and Dart-The Complete Guide
Django Developer Course

EXPERIENCE

PW (PHYSICS WALLAH) | STUDENT GUIDE

2021 | Jaipur

Played the role of a student guide communicating and guiding the next generation JEE aspirants to go for the best college they have secured.

PROJECTS

QUIZON: QUIZ CONDUCTING PLATFORM | UNDER THE GUIDANCE OF DR. SOMITRA KUMAR SANADHYA DECEMBER 2021 - ONGOING |

- Developed a web platform with a user-friendly interface for the efficient conduction of quizzes catering to all possible requirements in online mode of education.

- Tech-Stack: Django, Rest- API, HTML, CSS, Javascript


OCR APPLICATION | HMI COURSE PROJECT

MARCH 2022 - APRIL 2022 | 

- Developed a mobile application to extract text from images using OCR and convert it to .txt, .mp3, .csv format

- Tech-Stack: Flutter, Dart, Google ML Kit, Google Text to Speech, Firebase, Firestore, Google Cloud Storage, Imgur API

LIBRARY MANAGEMENT SYSTEM | SOFTWARE ENG. COURSE PROJECT

MARCH 2022 - APRIL 2022 | 

- Developed a mobile application fulfilling all the library necessities at IITJ

- Tech-Stack: Flutter, Dart, Firebase, Firestore, Imgur API

COVID 19 DETECTION USING CHEST X-RAY | PRML COURSE PROJECT

APRIL 2022 - ONGOING

- Developing a Machine Learning model to detect covid 19 by analyzing chest X-Rays using techniques like MLP, CNN, KNN, dimensionality reduction, etc.

- Tech-Stack: Python, OpenCV2, Keras, Pandas, NumPy, Matplotlib

ACHIEVEMENTS AND ACTIVITIES

2020 One among the only **6** students to receive **A** (Outstanding) out of 220+ students in Data Structures and Algorithms course

2020 : Among top 0.6%, percentile of 1.3 million in JEE. Secured an **AIR-5588** in JEE-Adv and **AIR-6649** in JEE-Main

CodeChef : Highest rating of 1698 (3 star) and Division-2 Programmer

EXTRACURRICULAR

2021 : Present Content Head of Pheme, the newsletter club and core member of Sangam, Music Society of IIT Jodhpur

2022 : Assistant head-Tech Team| Prometeo'22- Technical and Entrepreneurial fest of IIT Jodhpur

2020-2021 : Student Guide of the Student Well-being Committee, IIT Jodhpur