

# Harshita Kalani

Pre-final | Computer Science & Engineering | IIT Jodhpur  
kalani.1@iitj.ac.in | 7239860690

## EDUCATION

### IIT JODHPUR

B.TECH IN COMPUTER SCIENCE

CUMULATIVE CGPA: 8.63/10

May 2022 | Jodhpur, India

### MGPS, JAIPUR

MAY 2020 | CLASS 12 | 95.2%

MAY 2018 | CLASS 10 | 95.8%

## SKILLS

### LANGUAGES

PROFICIENT

Python • C++ • C • Dart

FAMILIAR

MySQL • JavaScript • LaTeX

### DEVELOPMENT

Django • Flutter • Google Cloud

Git • Firebase • HTML • CSS

### OTHER SKILLS

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

## LINKS

Portfolio:// [HarshitaKalani](#)

Github:// [HarshitaKalani](#)

LinkedIn:// [HarshitaKalani](#)

GfgPractice:// [HarshitaKalani](#)

Interviewbit:// [HarshitaKalani](#)

CodeChef:// [HarshitaKalani](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms

Pattern Recognition & Machine

Learning

Probability, Statistics & Stochastic

Processes

Signals and Systems

Mathematics for Computing

### MOOC

Flutter and Dart-The Complete Guide

Full Stack App and Web Development

Django Developer Course

## EXPERIENCE

### PW (PHYSICS WALLAH) | MENTORSHIP | 2021 | JAIPUR

- Mentored over 20+ JEE aspirants regarding the queries related to their career path and conducted various workshops to guide them.

## PROJECTS

### OCR APPLICATION | DR. PUSHPENDRA GUPTA | APRIL 2022 |

- Implemented a pipeline to extract text from images using OCR and convert it to .txt, .mp3, .csv formats - and integrated in a mobile application.
- Simplified login via google authentication, easy upload from gallery & camera, crop image, one tap text extraction, text to speech.

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

### QUIZON: QUIZ CONDUCTING PLATFORM | DR. SOMITRA KUMAR SANADHYA | DECEMBER 2021 - ONGOING |

- Developed a user-friendly web platform for efficient conduction of quizzes.
- Consists separate student teacher interface, LaTeX integration, efficient quiz conduction, detailed post-quiz analysis, etc.

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

### COVID-19 DETECTION USING CHEST X-RAY | DR. RICHA SINGH | APRIL 2022 | [Dataset](#) | [Website](#) |

- Trained Deep Learning models like VGG-19, EfficientNet B3, ResNET-50, etc. after EDA in order to detect covid-19 infection using chest X-Rays after Lung Segmentation using U-NET applying PCA for dimension reduction, etc.


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

### PHEME WEBSITE | MAY 2022 | [Website](#) |

- Lead a team and build up a web platform currently used by 400+ users across IITJ through PHEME club.
- Simplified access to various blog posts, published magazines, improved models for events & innovated UI designs.

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

## ACHIEVEMENTS AND ACTIVITIES

- Cleared all the rounds of **Jumpstart hackathon**  organized by **Publicis Sapient** and made it to the exclusive guest list to attend its tech extravaganza.
- Amongst the top 5 students to receive **A (Outstanding)** out of 220+ students in both **Data Structures & Algorithms** and **Pattern Recognition & Machine Learning** course.
- **GFGPractice and Interviewbit** : Solved 1000+ DSA problems.

## EXTRACURRICULAR

- **Content Head**, PHEME, newsletter club & core member of Music Club, IITJ.
- **Student Guide**, Student Well-being Committee, IIT Jodhpur.
- **Assistant head-Tech Team, Prometeo'22** - the annual Technical and Entrepreneurial fest of IIT Jodhpur.