

Harshita Kalani

Pre-final | Computer Science & Engineering | IIT Jodhpur
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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

TA-SHIP IN BOTH DSA AND ML COURSES | AUGUST 2022

- Delivering a range of teaching and assessment activities and ensuring the overall progress of 250+ students

PROJECTS

OCR APPLICATION | DR. PUSHPENDRA SINGH | APRIL 2022 |

- Implemented a pipeline to extract text from images using OCR and convert it to .txt, .mp3, .csv formats - all 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 posts, published magazines with innovative 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 **DSA** and **Machine Learning** course.
- **GFGPractice** and **Interviewbit** : Solved 1000+ DSA problems.

EXTRACURRICULAR

- **Content Head and Mentor** of PHEME & core member of Music Club, IITJ
- **Student Guide**, Student Well-being Committee, IITJ
- **Head**, Entrepreneurial Team, Prometeo'23