

# Yashvi Ramanuj

Pre-Final Year (B. Tech.) | Computer Science and Engineering | IIT Jodhpur  
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## EDUCATION

### IIT JODHPUR

B.TECH IN COMPUTER SCIENCE  
AND ENGINEERING

August 2022 [expected]  
CGPA: 7.27 / 10 [till 4th sem]

### DHOLAKIYA SCHOOLS

GSEB | Rajkot, India  
XII[2018]: 99.66 PR  
XI[2016]: 99.99 PR

## COURSEWORK

### UNDERGRADUATE

Software Engineering  
Theory Of Computation  
Computer Organisation and  
Architecture  
Object Oriented Analysis and Design  
Data Structure and Algorithms  
Discrete Mathematics  
Introduction to Programming  
Complex No. and Differential Equations  
Probability, Statistics and Random  
Processes

## SKILLS

### LANGUAGES

- Python • C++
- C • JavaScript
- HTML • CSS

### WEB

- Django • REST
- Bootstrap • MySQL
- NodeJS

### OTHER SKILLS

- Competitive Programming
- OpenCV • Image Processing
- Git • Latex • Shell
- Team Work

## LINKS

GitHub:// YashviRamanuj [↗](#)  
LinkedIn:// yashvi-ramanuj [↗](#)  
Website: yashviramanuj.github.io/ [↗](#)

## POR

### STUDENT GUIDE

Counselling Service, IIT Jodhpur

## EXPERIENCE

### GEEKROADS RETAIL LLP | SUMMER INTERNSHIP

June 2020 – Present | Full Stack Web Development

- End to end development responsibilities for a fully functional e-commerce platform in food tech space serving Nordic countries
- Implemented functionalities like displaying content considering user preferences in multiple languages, user accounts management, admin interface
- Other key features of the Django backed portal are various tasks related to order management, integrating secure online payment options etc.

## PROJECTS

### HOSPITAL MANAGEMENT SYSTEM | HEALTH CENTER IIT JODHPUR

Django, HTML, CSS, JS | Mentor: Dr Anand Mishra

- Developed a website for Health Center of IIT Jodhpur that streamlines appointments, enables online appointment and facilitates telemedicine
- Includes features like e-prescription, maintaining an encrypted medical database for patients, making the Health Center paperless
- Enabled several other features such as handling emergencies, interface for receptionists, pharmacist and displaying health blogs by doctors
- Website: [hc.iitj.ac.in](http://hc.iitj.ac.in) [↗](#)

### AUTHENTICATION MODULE | COURSE PROJECT

NodeJS, OAuth | Prof Suman Kundu | GitHub [↗](#)

- Developed OAuth/Open-ID based authentication portal using NodeJS
- Can be used by other interfaces to enable secure user login via LDAP

### EYES DETECTION, PUPIL TRACKING | SEMI AUTONOMOUS CAR

Python, OpenCV | GitHub [↗](#)

- Developed a highly effective algorithm to track inactivity of a vehicle's driver
- The algorithm accurately detects the gaze of the driver by tracking eyes and pupils and shifts the control to an ML algorithm on detecting inactivity

### IMAGE PROCESSING | COURSE PROJECT

Python, OpenCV | Dr Rajlaxmi Chauhan

- Successfully implemented a highly effective Facial Recognition system using several fourier-based noise removal and image enhancement techniques

### MIN COST API

Django REST Framework | GitHub [↗](#)

- Successfully deployed API that provides insights into travel distance and delivery costs for delivery services keeping real world situations in mind

## ACHIEVEMENTS

- Qualified among top 1% of JEE-18, among 1 million students
- Qualified for final round of NTSE-15
- Successfully cleared TST-2015 with 99.55 PR
- 3rd in center, 49th in state with 1581 international rank in 6th International Olympiad of Maths by Silver Zone Foundation

## ACTIVITIES

- Member of @devlup-labs [↗](#)
- Core member of Entrepreneurship Cell, IIT Jodhpur
- Assistant Head, Creativity and Design Team, Ignus 2020
- Represented IIT Jodhpur at 2 of inter-IIT cult meets for Nukkad Natak