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: 7.26 / 10 [till 4th sem]

DHOLAKIYA SCHOOLS
GSEB | Rajkot, India
XII[2018]: 99.66 PR
X[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/

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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

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