

# Devansh Bansal

Pre-Final Year | Computer Science and Engineering | IIT Jodhpur  
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## EDUCATION

### IIT JODHPUR

**B.TECH IN COMPUTER SCIENCE  
AND ENGINEERING**  
May 2024 | Jodhpur, India  
Cumulative GPA: 9.25 / 10  
(Upto 4<sup>th</sup> Semester)

### B.H.S (ONGC)

Class 12 | HSC  
May 2020 | Vadodara, India  
Percentile: 99.88  
  
Class 10 | SSC  
May 2018 | Vadodara, India  
Percentile: 99.81

## SKILLS

### LANGUAGES

Proficient:  
C • C++ • Python  
Familiar:  
Java • JavaScript

### WEB

Django (Python) • HTML • CSS •  
Bootstrap

### OTHER SKILLS

- Competitive Programming
- Problem Solving
- Web Development
- App Development

## LINKS

Github:// [DevanshBansal1604](#)  
GFG Practice:// [bansal11](#)  
Coding Ninjas:// [Devansh Bansal](#)  
Codechef:// [dbansal1604](#)  
CodeForces:// [Devansh\\_Bansal](#)  
LinkedIn:// [Devansh Bansal](#)

## COURSEWORK

### UNDERGRADUATE

- Data Structures and Algorithms
- Software Engineering
- Mathematics For Computing
- Pattern Recognition and Machine Learning
- Human Machine Interaction
- Foundations of Quantum Information
- Probability, Statistics and Stochastic Processes

## PROJECTS

### OCR WEBSITE | SE MAJOR COURSE PROJECT

Feb 2022 - Apr 2022 | [Github](#)

- Developed a website using Python, HTML, CSS; which gives text written on the image (Optical Character Recognition) using Pytesseract Library, along with all theoretical documentations.
- Can retrieve texts from multiple images on a single docx file/pdf file
- Tech-stack: Python, HTML, CSS, JS

### TO DO LIST WEBSITE | SELF PROJECT

May 2022 - June 2022 | [Github](#)

- Developed a website using Python, HTML, CSS; which handles the to-do list of the user.
- It also prioritizes and highlights tasks based on deadlines approaching.
- Tech-stack: Python, HTML, CSS, JS, DSA

### HEART STROKE PREDICTION | PRML MAJOR COURSE PROJECT

Apr 2022 - Apr 2022 | [Google Drive](#)

- Developed a whole pipeline, which will predict the occurrence of Heart-Stroke.
- Applied GridSearchCV and also VotingClassifier to find the best results based on the top-3 models. Main focus was to minimize False-Negative Rate.
- Tech-stack: Python, Machine Learning, sklearn

### FLIGHT PRICE PREDICTION | PRML MINOR COURSE PROJECT

Apr 2022- Apr 2022 | [Google Drive](#)

- Developed a whole pipeline, which will predict the prices of flight tickets
- Applied GridSearchCV and also VotingClassifier to find the best results based on the top-3 models. Main motivation was to predict the prices accurately in festive season also.
- Tech-stack: Python, Machine Learning, sklearn

### REGION-OF-INTEREST AND INTERESTINGNESS SCORE IN VR | DESIGN CREDIT PROJECT

Dec 2021 - Dec 2021 | [Stored in Local Storage](#)

- Finding a particular Region-Of-Interest while viewing whole 3D space in VR, to increase speed of transmission, along with less data-loss.
- Also finding Interestingness Score of a particular Region-Of-Interest (ROI)
- Different Results for short and long exposure to VR, based on Human Cognitive Sense
- Tech-stack: Python, OpenCV, Pillow

## ACHIEVEMENTS

- **CodeChef** Secured Global **Rank 99** in May Long Challenge 2022
- **B.Tech 2nd Year** Changed branch to **CSE** from **MECH**
- **B.Tech 1st Year** Secured **Rank 1 with CGPA 9.67/10** in 20-24 Batch
- **JEE-ADV 2020** Secured **6817** rank in JEE ADVANCED 2020
- **JEE-Mains 2020** Among **top 1.5 percentile** of 1.5 Million Applicants

## EXTRACURRICULAR

- Leader-Ship Skills. • Great Experience in Team-Work. • Management Skills.
- Core member of **Drama Club**, IIT Jodhpur.