

# Devansh Bansal

Pre-Final Year | Computer Science and Engineering | IIT Jodhpur  
bansal.11@iitj.ac.in | +91-8160236573

## 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:

• HTML • CSS • JavaScript • Java  
• django

### 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](#)

LeetCode:// [devansh16\\_iitj](#)

LinkedIn:// [Devansh Bansal](#)

## COURSEWORK

### UNDERGRADUATE

- Data Structures and Algorithms
- Software Engineering
- Mathematics For Computing
- Pattern Recognition and Machine Learning
- Introduction To Computer Science
- 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.
- Using different approaches to make prediction more accurate, thus making model more useful. Try is 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
- Using various ML Models to get a general and accurate model. Try is 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

- B.Tech 2nd Year Changed branch to CSE from MECH
- B.Tech 1st Year Secured Rank 1 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.