

B. Tech Integrated Computer Engineering

Name – Vaibhav Dhanesh Raheja

Date of Birth – 26/04/2001

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Education:

Degree	Institute	Board/University	Year	Performance
B. Tech [Integrated]	MPSTME	NMIMS	2017-Present	CGPA-2.79
X	Jasudben M.L. school	ICSE	2016-17	84%

Technical Skills:

Domain	Proficient in	Familiar With
Web Development	HTML, CSS	WordPress
DBMS		PLSQL, SQL
Implementation of Technology		OpenCV, Image Processing (Python), Android Studio, Basics of Image Processing (MATLAB)
Scripting	C++, Python	C, Java
Operating System	Windows, Android, IOS	Linux, MacOS
Micro-Controller Boards		Arduino

Courses/Certifications: (Month/Year, Title & By Whom)

May,2019 Python
May,2020 Basics of Machine Learning (In Progress)

Key Projects:

Year/ Sem	Domain	Project Title/Brief Description (Technologies Used)
2020	Android	Opened this project converts pictures or books to pdf, can convert image to text and get a pdf by selecting the area by your finger, group project with 1 other person Technology: Android Studio (Java)
2020	Website	Made a website for Rotaract Club of Bombay Airport along with 6 others Technology: Wix
2020	Website	Made a website for a startup called atelierbykrittikaraheja Technology: Wix
2019-20	Android	Made an Android Phone Home Screen Launcher with different customizations, group project with 1 other person Technology: Android Studio (Java)
2019	Web Development	UI replication of the website royalefield.com to understand basic functionality of JavaScript and jQuery Technologies Used: HTML, CSS, JavaScript (jQuery), Google firebase.
2019	DBMS	Replication of the database design of Instagram in order to learn the fundamentals of Database Designing. Technologies Used: Oracle Database
2018-19	Java	Solo project to make an OTP system using GUI on email Technology: Java
2018	C++	Solo project to make a Snake Game using GUI Technology: C++

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2018	Physics	Made a Mag-Lev train with a group of 2 others
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Technical Achievements (Publications, Awards):

Article on [Computer Vision in Lane and Object Detection](#)

Article on [Lane Detection using Histogram](#)

Internships:

Company	Year	Domain	Brief Description
Intelligence Node	2018	Web Development	Data QA Intern to beta test their website

Co-Curricular Achievements (Conducted / Participated):

Polarizer (Participated)

Envirotech (Participated)

Extra-Curricular Activities (Conducted / Participated):

4th year (2020-21)

- Board of Director for Rotaract Club of Bombay Airport
- Sub-Head in Software in Team D.A.R.V.I.N for IGVC competition
- Participating in EYRC competition hosted by IIT Bombay

3rd year (2019-20)

- Head of The Editorial Project Logistics & Hospitality
- Sub-head of Logistics Cultural Festival
- Sub-Head of Logistics Technical Festival
- Member of Research Cell
- Executive in in Team D.A.R.V.I.N for IGVC competition
- Member of Rotaract Club of Bombay Airport

2nd year (2018-19)

- Executive of Cultural Festival
- Executive of Logistics at Technical Festival
- Executive of Logistics at Social Conclave

1st year (2017-18)

- Executive of Cultural Festival
- Executive of Logistics at Technical Festival
- Participated in Social Conclave

School:

- Captain of Roller Hockey National Team
- Attended Model United Nations by Cathedral School, Jasudben ML School

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- Won Chess Competitions
- Participated in numerous Robotics Summer Camps
- Participated in summer camp in drone aviation camp at IIT Bombay
- Participated in a National level Forensic Expo

Interest / Hobbies:

Space missions, Working of the universe, Combustion engine, Video Gaming, Artificial Intelligence, Racing, Brain Control Interface