

Vaibhav Raheja

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🎓 Education

B. Tech (Computer Science)

Mukesh Patel School of Technology Management & Engineering
2020 – Present | Mumbai, India
GPA - 3.63/4

Diploma (Computer Science)

Mukesh Patel School of Technology Management & Engineering
2017 – 2020 | Mumbai, India

ICSE

Jasudben M.L. school
2017 | Mumbai, India
Score - 84%

📁 Projects

Chronic Disease Detection System using Machine Learning

B.Tech Final Year Project
2021 – 2022

Developed an expert system used to detect/predict various chronic diseases by collecting various health details of a patient using ML models to provide a helping hand to doctors. Group project
Implemented for COVID-19, Pneumonia, Heart Disease, Chronic Kidney Disease, Diabetes

Vector Launcher

2019 – 2020
Technology: Android Studio (Java)
Made an Android Phone Home Screen Launcher with different customizations, group project

PDF Expert

2020
Technology: Android Studio (Java)
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

Snake Game

2018
Technology: C++
Solo project to make a Snake Game using GUI

🧠 Skills

Python	● ● ● ● ●
C++	● ● ● ● ●
ROS	● ● ● ● ●
Arduino	● ● ● ● ●
MS Office	● ● ● ● ●
Fusion 360	● ● ● ● ●
Machine Learning	● ● ● ● ●

🏆 Interests

Formula 1 • Tennis

📜 Certificates

- Python Programming Workshop 'PyLearn'

💼 Professional Experience

Research Intern

AIIMS (All India Institute of Medical Sciences) Hospital
2021 – Present | New Delhi, India

- Research Project to implement Robotic Intubation using a robotic arm and developing control systems for the robot
- Project funded by ICMR (Indian Council of Medical Research)

Intern

Granuler

Jan 2020 – May 2020 | Mumbai, India

Project CRM(Customer Relation Management Implementation)

- Implemented a CRM system for Granuler CIO Consulting.
- Gathered requirements from client and finalized on HubSpot CRM. Implemented and trained the client for the same

Project RPA (Robotic Process Automation)

- Using UiPath

QA Intern

Intelligence Node

Jul 2018 – Jul 2018 | Mumbai, India

- Learnt basics of web applications, understood beta testing and implemented tests on multiple web applications

🎖 Other Experiences

Intelligent Ground Vehicle Competition

Vice-Captain

2020 – 2022 | Detroit MI, USA

Achieved 3rd place at an annual international competition hosted at Oakland University, Michigan in which multidisciplinary teams compete to create an autonomous vehicle according to a set of rules in order to compete. Developed a fully functioning autonomous vehicle with object detection, path planning & traversal.

Rotaract Club of Bombay Airport

Board of Director of Club Service

2020 – 2021 | Mumbai, India

Initiated all Club Service activities and supervised and coordinated the work of the committee appointed for particular aspects of Club Service and ensured the smooth and effective running of the Club.

e-Yantra Robotics Competition (eYRC)

2020 – 2021 | Mumbai, India

A Competition held by IIT Bombay. Our task was to make a drone for delivery of parcels

Rotaract Club of Bombay Airport

Member

2019 – 2020 | Mumbai, India

The Editorial Project

Head of Logistics

2019 – 2020 | Mumbai, India

Organised a concert by The Local Train at JRM Grounds