

Rachit Yagnik

Final Year (M.Tech)
Computer Science & Engineering
at IIIT Bangalore.

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Education

2020-2022
M.TECH. IN CSE
IIIT Bangalore
CGPA : 3.36/4(Current)

2016-2020
B.TECH. IN IT
DDU, Nadiad
CGPA : 8.68/10

2016
HIGHER SECONDARY SCHOOL
Vallabh Ashram, Pardi
Percentage: 92.00%

Skills

OS
GNU/Linux, Windows

LANGUAGES
C/C++, Python

FRAMEWORK
Node.js, React, Django

DATABASES
MySQL, MongoDB

TOOLS
Postman, Git, Jenkins,
Docker.

SOFT SKILLS
Adaptability, Problem Solver,
Team Player, Communication,
Management.

Coursework

Dev Ops Tools
Machine Learning
Visual Recognition
Data Structures and Algorithms
Operating Systems
Data Base Management System

Experience

2019-2020 **1Rivet** **Machine Learning Intern**
- Developed an end to end Home/Work space Efficiency System that saves resources and improves security.
- Key Functionalities include Appliance Control, Burglar Detection, Fire Alarm and automated check-in through Face Detection.
Python, BeautifulSoup, OpenCV, Pi-OS

Projects

MAY-2021 **Exercise Logger and Tracker** **CODE**
- Developed a web based application where a user can log all the exercises he/she has done, modify them and delete the records.
- The user data is stored in MongoDB cloud atlas and connected with the backend using NodeJS.
MongoDB, NodeJS, ReactJS

FEB-2021 **Track it down** **CODE**
- Developed a web application for users to track product prices on an e-commerce website.
- The application has the feature to notify the users when the product pricing falls below the user determined price limit.
- Users can be notified whatsapp and/or email.
Python, Django, BeautifulSoup

DEC-2020 **QR Code Generator** **CODE**
- Designed a web application which generates and downloads QR code for the given input.
- Aim of the project was to get familiarized with DevOps tools and technologies and get a working understanding of them.
JavaScript, Docker, Ansible, Jenkins

FEB-2021 **Mask Detection System** **CODE**
- Created a system based on a ML model which allows entry of only those people who have worn masks properly.
- Used YOLO to detect humans in the frame and then trained a CNN model to detect masks.
Python, OpenCV, CNN

Achievements

2020 **GATE CS**
All India Rank 422 with 99.56%ile with score of 752.

2018 **Problem Setter CodeCrunch**
Set problems for CodeCrunch 18, an annual contest held on CodeChef platform at University level.

2018 **President Decryters**
President at Coding Club of DDU University and was also part of the CodeChef Campus Chapter.