**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 royalenfield.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++ |
| 2018 | Physics | Made a Mag-Lev train with a group of 2 others |

**Technical Achievements (Publications, Awards):**

|  |
| --- |
| **Article on** [**Computer Vision in Lane and Object Detection**](https://medium.com/@vaibhavraheja32/computer-vision-in-lane-and-object-detection-40ac31aab667) |
| **Article on** [**Lane Detection using Histogram**](https://medium.com/@vaibhavraheja32/lane-detection-using-hough-transform-and-histogram-4df44476acb7) |

**Internships:**

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

**Co-Curricular Achievements (Conducted / Participated):**

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| --- |
| 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 * 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:**

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