# Vikas Jaiswal

B.E. (Electronics & Telecommunications)

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## ACADEMICS

| Qualification | Institute | Board / University | Year | % / CGPA |
|---|---|---|---|---|
| BE (EXTC) | Thadomal Shahani Engineering College, Mumbai | Mumbai University | 2021 | 8.98/10 |
| XII | Khar Education Society, Khar West | HSC | 2017 | 80.92% |
| X | Cardinal Gracias High School, Mumbai | SSC | 2015 | 90.00% |

| Academic Achievements | Awarded Certificate of Excellence for scoring **CGPA of 10.00 in Semester III.** Getting **Scholarships from SSC** for consistent academic excellence. |
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| **Key Modules** | Object Oriented Programming, Database Management System, Microprocessors. |

## PROJECTS

**SCHEDULAR**                                              **- (Self-Initiated)  Nov 2019 - Jan 2020**

Conceptualized & Created a **Smart Scheduling** Android / IOS Application using the **Flutter Android Framework, On- device SQL database(SQLLite) & Machine Learning(Bayes Classifier).**
Designed & Developed Android / IOS Application, integrated the application with the on-device database. Implemented **Bayes classifier** from **Stratch** in **Dart Programming Language**.

**ALGO VISUALISER**                                        **- (Self-Initiated)  Jan 2020 - Feb 2020**

Conceptualized & Developed a **Web Application** using **ReactJS** for Visualization of **Algorithms** like Sorting, Path Finding etc.
Developed UI, Animations & implemented all Algorithms from Scratch in **TypeScript.**

**BLICK**                                                  **- LiveProject (Hackathon)  Mar 2020**

Developed **Machine learning** based Image Localization & Optical Character Recognition application using **Tensorflow2.0**, **OpenCV** & **YOLO** Object Detection & Localization Algorithm.
Developed Android App using **React Native** and Backend using **NodeJS & Firebase Functions.**

**PATH FOLLOWER BOT**                                      **- (Self-Initiated)  Dec 2019 - Dec 2019**

Conceptualized & Developed an infinite range wireless **Google Firebase** & **NodeMCU(WIFI module)** based **Robotic Car** that traces the path drawn on the **Android App(Developed Using Flutter)** for controlling the bot.

**WOKE**                                                   **- (Hackathon)  Mar 2019**

Conceptualized & Created **Disaster Management Application** to locate & rescue people affected by the disaster. Worked in a team of 3 using technologies like **ReactNative, Geoloction, Google Maps & Firebase Realtime Database.** Developed & Integrated UI with the Firebase Backend.

## INTERNSHIP / WORK EXPERIENCE

**Dravstream Technologies Pvt. Ltd (SportVot)**

 - **Full Stack Android Developer**                        **- Nov 2019 – Jan 2020**

Developing efficient **Native Android** Kabbadi Scoring Application, which was used for Scoring Games on-ground by the content team. Developing & Testing **REST API's** using **SpringBoot**.

- **React Developer**                                      **- June 2019 – July 2019**

The major responsibility included developing Android Application using React Native.

## TECHNICAL TRAINING / CERTIFICATIONS

**ANALOG ELECTRONICS**                                     **- Jan 2019 – Mar 2019**

National Programme on Technology Enhanced Learning (NPTEL)

## TECHNICAL SKILLS

| Intermediate | Java, JavaScript/TypeScript, ReactJS, React Native, Flutter, SQL, Machine Learning, Deep Learning. |
|---|---|
| **Basic** | C, C++, Python, Rust, SpringBoot, NodeJS. |

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

| Participation & Achievements | Secured **AIR** of **672 in TCS Codevita Season 9** Pre Qualifier Round**.** **Global Rank** of **1483** at **Google Kick Start** Round H. **Zonal Level Champions** at **Reliance Foundation Jr. NBA** Basketball Competition. Member of ISTE (Indian Society of Technical Education) committee in College. **Conducted a 3 hour Python Workshop** as a Committee Event (ISTE). Member of the College **Basketball** Team. |
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