

# 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	9.00/10
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 <b>CGPA of 10.00 in Semester III</b> . Getting <b>Scholarships from SSC</b> for constant academic excellence.
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Key Modules (Engineering)	Object Oriented Programming, Database Management System, Microprocessors
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## 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, Geolocation, 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	<b>Java, JavaScript/TypeScript, ReactJS, React Native, Flutter, NodeJS, SQL, Machine Learning, Deep Learning.</b>
Basic	<b>C, C++, Python, SpringBoot.</b>

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Participation	Two time consecutive <b>Zonal Level Champions</b> at <b>Reliance Foundation JR.NBA (2014 - 2015)</b> Basketball Competition. Member of the College <b>Basketball</b> Team. Member of ISTE (Indian Society of Technical Education) committee in College. <b>Conducted a 3 hour Python Workshop</b> as a Committee Event.
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