

# Vikas Jaiswal

T.E. (Electronics & Telecommunications)

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## ACADEMICS

Qualification	Institute	Board / University	Year	% / CGPA
BE (EXTC)	Thadomal Shahani Engineering College, Mumbai	Mumbai University	2021	8.92/10
XII	Khar Education Society( Khar West)	HSC	2017	80.98%
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)	Structured Programming Approach,OOPS, 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 **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.  
Developing UI, Animations & implementing 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.  
Developing Android App using **React Native** and Backend in **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** 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**.  
Responsibilities – Developing & Integrating 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

### EMBEDDED SYSTEM DESIGNING

National Programme of Technology Enhanced Learning (NPTEL).

### ANALOG ELECTRONICS

National Programme on Technology Enhanced Learning (NPTEL)

## TECHNICAL SKILLS

Intermediate	C, C++, Java, Python, JavaScript/TypeScript, Dart, HTML, CSS, jQuery, ReactJS, React Native, Flutter, NodeJS, SQL, Machine Learning
Basic	Native Android , SpringBoot, MongoDB

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

Participation	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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