

# 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	9.10/10
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

<b>WIRESHARE @web</b> Conceptualized & Developed a <b>File Sharing Web Application</b> using technologies like <b>WebRTC, WebAssembly, Svelte(Front End)</b> and <b>Firestore</b> . The application was able to transfer <b>1.4GB</b> file in under <b>20 minutes</b> on a <b>2.5Mbps</b> connection between <b>peers on different networks</b> .	- (Self-Initiated) Apr 2021
<b>SCHEDULAR @github</b> Conceptualized & Created a <b>Smart Scheduling</b> Android / IOS Application using the <b>Flutter Android Framework, On-device SQL database(Sqlite) &amp; Machine Learning(Bayes Classifier)</b> . Designed & Developed Android / IOS Application, integrated the application with the on-device database. Implemented <b>Bayes classifier</b> from <b>Stratch</b> in <b>Dart Programming Language</b> .	- (Self-Initiated) Nov 2019 - Jan 2020
<b>ALGO VISUALISER @github</b> Conceptualized & Developed a <b>Web Application</b> using <b>ReactJS</b> for Visualization of <b>Algorithms</b> like <b>Sorting, Path Finding</b> etc. Developed UI, Animations & implemented all Algorithms from <b>Scratch</b> in <b>TypeScript</b> .	- (Self-Initiated) Jan 2020 - Feb 2020
<b>BLICK @github</b> Developed <b>Machine learning</b> based Image Localization & Optical Character Recognition application using <b>Tensorflow2.0, OpenCV &amp; YOLO</b> Object Detection & Localization Algorithm. Developed Android App using <b>React Native</b> and Backend using <b>NodeJS &amp; Firebase Functions</b> .	- (Hackathon) Mar 2020
<b>PATH FOLLOWER BOT @github</b> Conceptualized & Developed an infinite range wireless <b>Google Firebase &amp; NodeMCU(WIFI module)</b> based <b>Robotic Car</b> that traces the path drawn on the <b>Android App(Developed Using Flutter)</b> for controlling the bot.	- (Self-Initiated) Dec 2019 - Dec 2019
<b>WOKE @github</b> Conceptualized & Created <b>Disaster Management Application</b> to locate & rescue people affected by the disaster. Worked in a team of 3 using technologies like <b>ReactNative, Geolocation, Google Maps &amp; Firebase Realtime Database</b> . Developed & Integrated UI with the <b>Firebase Backend</b> .	- (Hackathon) Mar 2019

## INTERNSHIP / WORK EXPERIENCE

<b>Dravstream Technologies Pvt. Ltd (SportVot)</b> - <b>Full Stack Developer</b> Developing efficient <b>Native Android</b> Kabbadi Scoring Application, which was used for Scoring Games on-ground by the content team. Developing & Testing <b>REST API's</b> using <b>SpringBoot</b> .	- Nov 2019 - Jan 2020
- <b>React Developer</b> The major responsibility included developing Android Application using <b>React Native</b> .	- June 2019 - July 2019

## TECHNICAL TRAINING / CERTIFICATIONS

<b>ANALOG ELECTRONICS</b> National Programme on Technology Enhanced Learning (NPTEL)	- Jan 2019 - Mar 2019
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## TECHNICAL SKILLS

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

## CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES

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