

# SAURABH VIJAY

PRE-FINAL YEAR  
UNDERGRADUATE  
COMPUTER SCIENCE and ENGINEERING

MOTILAL NEHRU NATIONAL INSTITUTE OF TECHNOLOGY, ALLAHABAD

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## CAREER OBJECTIVE

To anchor a position where I can effectively contribute my aptitudes and capacities to the development of the association and construct my expert profession.

## ACADEMIC RECORD

DEGREE	BOARD/UNIVERSITY	INSTITUTE	ACHIEVEMENTS	CPI/%
B.Tech. (CSE)	Motilal Nehru National Institute of Technology, Allahabad	MNNIT ALLAHABAD	Among top 5 students till 4 <sup>th</sup> semester .	9.12
Class-XII	Rajasthan Board of Senior Secondary Education	RPS, Ramgarh	Among Top 10 students in District	94.60%
Class-X	Rajasthan Board of Secondary Education	RPS, Ramgarh	Among Top 10 students in State .	96.17%

## INTERNSHIP AND TRAINING

### ➤ Eklavya Summer Internship under Fundamental Research Group, IIT BOMBAY 2019

<b>Task</b>	Micro cloud setup using Open-shift on commodity servers nodes
<b>Approach</b>	<ul style="list-style-type: none"><li>Configured system hardware according to the Open-shift requirement of setup involving one master and 3 nodes.</li><li>Successfully setup a system consisting of 4 machines, one serving as master and other 3 as nodes.</li><li>Installed Open-shift on local server with 1 master, 1 infra node and 2 working nodes.</li></ul>
<b>Result</b>	<ul style="list-style-type: none"><li>Accessed Open-shift through terminal as well as Open-shift web console.</li><li>Successfully built and deployed various applications based on Ruby, PHP, NodeJs etc.</li><li>Successful scaling and down scaling of application pods.</li><li>Deployed various services of open edx like mysql, mongodb, chrome, lms, cms etc. on Open-shift.</li></ul>

### ➤ Android Application Development training under Cetpa Infotech Private Ltd. June'18-July'18

<b>Description</b>	<ul style="list-style-type: none"><li>Learn about working on android studio and simple android application development .</li><li>Learn about different apis like Google map api and sync it with application .</li><li>Learn to use databases like MYSQL , Firebase , SQLite.</li></ul>
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## PROJECTS

### ➤ ShopClaws (An Android based Sales Team Management Application ) August'18-September'18

Technologies and API Used: Android Studio , Java , Firebase , MpAndroidCharts , Node.js , Fresco Image Library .

- It is an application for management of a sales team led by multiple admins. The app uses **Firestore** real-time database to store data. Separate logins for salespersons and admins using **otp** verification .
- All the **commodities** present in the inventory can be displayed and **updated automatically** .
- Profile** of each salesperson is visible to admins whereas salesperson can see only his/her profile.
- Salesperson can have **personal communication** within themselves and admins as well as **global communication** with all members of sales team. Notification feature for admins is also included. .
- The performance of salespersons can be analyzed with the help of **monthly leader-board** and **graphs showing their progress over time**. It also **predicts** the daily sale of salesperson using their previous records.

➤ **GetConnect & LetTheVIPDown (Android based Applications to help common man) January'19**

**Technologies and API Used : Android Studio , Java , Firebase , GoogleMap API .**

- This project is made for **reducing the wastage of time of people** by monitoring the presence of officials in the concerned department. It consists of two apps user-side and officials-side versions.
- The users are able to track the location of official if he/she is present in the **Geo-fence** of the govt. building.
- The officials can create a **sub-circle** so that only concerned people can track him/her by the security code.
- It also works as a **navigator** for users by showing the path for them to the concerned location.
- The user can also give **feedback** if the officials do not follow the rules of the organization.

**AREA OF INTEREST AND TECHNICAL SKILLS**

<b>Area of Interest</b>	<ul style="list-style-type: none"><li>• Data Structure and Algorithms</li><li>• Android Development</li><li>• Docker Container Platform</li><li>• Kubernetes basics</li><li>• Open-shift</li></ul>
<b>Technical skills</b>	<ul style="list-style-type: none"><li>• Basic C/C++ Programming</li><li>• Object Oriented Programming in Java</li><li>• Git basics</li><li>• Shell Scripting</li><li>• Android Studio , Netbeans</li><li>• Firebase , Mysql</li></ul>

**ACHIEVEMENTS IN TECHNICAL AND CULTURAL ACTIVITIES**

<b>Technical Activities</b>	<ul style="list-style-type: none"><li>• Selected for <b>Eklavya Summer Internship 2019</b>, IIT Bombay</li><li>• Runner up in <b>Weekend of Code Qualifier 2019</b>, MNNIT Allahabad</li><li>• Among Top 3 in <b>DroidRush under CyberQuest in Avishkar 2018</b> MNNIT Allahabad</li><li>• Finalist of <b>Insomnia under CyberQuest in Avishkar 2018</b> MNNIT Allahabad</li><li>• Participated in <b>Hack36 2019</b>, hackathon conducted by MNNIT Allahabad</li><li>• Selected For on site Round <b>Code Stumble 2019</b> ABV-IIITM Gwalior</li></ul>
<b>Cultural Activities</b>	<ul style="list-style-type: none"><li>• <b>Member of E-cell</b> MNNIT Allahabad</li><li>• <b>Awarded Gold Medal in Independence Day Nukkad 2016</b> at ABV-IIITM Gwalior</li><li>• <b>Winner in Rangoli making competition 2016</b> held at ABV-IIITM Gwalior</li></ul>

**PERSONAL DETAILS**

<b>Nationality</b>	Indian
<b>Date of Birth</b>	24 <sup>th</sup> February 1998
<b>Sex</b>	Male
<b>Hobbies</b>	<ul style="list-style-type: none"><li>• Poetry</li><li>• Watching Cricket matches and movies</li></ul>
<b>Father</b>	Mr. Rambabu Vijay
<b>Mother</b>	Mrs. Priyanka Vijay
<b>Permanent Address</b>	Alwar, Rajasthan Pin code: 301026