



## RAJ B PRAJAPATI

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**DOB:** August 11,1997

**Address:** D-16, Gokul Darshan, opp. Canara bank, Tokarkhada , Silvassa , UT of DNH.

**LinkedIn Profile :** <https://www.linkedin.com/in/raj-b-prajapati/>

**Profile website :** <https://R11Raj.github.io>

**Languages :** English , Hindi , Gujarati and German A1.1

## EDUCATION

Degree	University/Institute	Year	CPI/Aggregate
M.Tech. ( ICT - ML )	Dhirubhai Ambani Institute of Information and Communication Technology	Pursuing	8.10
B.Tech. (CSE)	Parul Institute of Engineering and Technology, Parul University, Vadodara, Gujarat	2015-19	9.02
Intermediate/+2	Kendriya Vidyalaya, Silvassa (UT of Dadra Nagar Haveli) CBSE	2014-15	86.80%
High School	Kendriya Vidyalaya, Silvassa (UT of Dadra Nagar Haveli) CBSE	2012-13	87.40%

## SKILLS

<b>Expertise Area/ Area(s) of Interest</b>	Parallel programming, Data Structures , Algorithms Machine Learning , Data Science , JavaScript Technologies
<b>Programming Language(s)</b>	C, C++, Python
<b>Tools and Technologies</b>	Anaconda ,Power BI, Tableau , WordPress , WiX , NetBeans , PHPStorm , DevCPP , Microsoft Office , GitHub , R, CUDA , HTML , CSS , Java Swing , JavaScript , MySQL , Git , PHP, Linux
<b>Methodologies</b>	SDLC

## PROFESSIONAL EXPERIENCE/INTERSHIPS

<b>Academic</b>	Dhirubhai Ambani Institute of Information and Communication Technology Position : Teaching Assistant <b>Activities that I have to perform as a Teaching assistant:</b> <ul style="list-style-type: none"><li>Conduct labs of undergraduate students</li><li>Conducting theory and practical exam as well as its assessment.</li></ul>	Aug, 19 – Present
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<b>Internships</b>	<b>KPMG Australia</b> <b>Program : Data Analytics Virtual Internship</b> Data Quality Assessment Data Insights Data Insights and Presentation	May, 19 – May, 19
	<b>JP Morgan Chase &amp; Co.</b> <b>Program : Software Engineering Virtual Experience</b> Establishing financial data feeds Front-end web development Data Visualization with Perspective	May, 19 – May, 19
	<b>MMSI Technologies Pvt. Ltd.</b> <b>Position : Software Developer Intern</b> <b>As an intern I performed the following activities :</b> <ul style="list-style-type: none"> <li>• Website development using HTML,CSS and PHP on WordPress and WiX .</li> <li>• Website migration through a python script by MySQL database using Heidi SQL tool.</li> <li>• Secure websites from SQL injection.</li> <li>• Other miscellaneous tasks of the development team.</li> </ul>	Feb, 19 – June, 19

## PROJECTS

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### Article Classification using Wordnet and N-grams Apr,20 – Apr, 20

Classification of article using wordnet hierarchy and n-gram data frequencies, articles from New York Times and The Guardian are used for training.

### Implementation of Cellular Automata using CUDA Oct, 19 – Nov, 19

Guide : Prof. Bhaskar Choudhary

Cellular Automata is basically evolution of cells from a 2D or 3D grid based on its neighbours using some set of rules in my case 23/3 rule.

#### Benefits:

Cellular automata has a variety of applications in cryptography, biology and bio-informatics. It is computationally not feasible for serial algorithm for large grid size.

### Blog System Feb, 19 – Mar, 19

Guide : Nathan Rohler

A fully functional PHP based blog system where user can create, edit, view, delete and like posts/blogs.

### Accident Prone Zone Alert and Accident Detection Aug, 18 – Mar, 19

Guide : Prof. Nirali Naik

Team Size -3

An IoT and data mining based system to prevent and detect accidents and automatically calls emergency services in case of an accident occurrence.

#### Benefits:

- No human dependence in case of severe accident.
- Accident prone zone alert.
- Cost effective.

**ViZible**

Feb, 18 – Feb, 18  
Team Size -2

An open data initiative for municipal corporations for funds management based on Java.

**Benefits:**

- More transparency in the system.
- Decrease in corruption and fund theft.

**Appoint Me**

March, 16 – Mar, 16  
Team Size -3

An android application to book a doctor's appointment.

**Benefits:**

- Hassle free treatment.
- Saves time for both patient and doctor.

**Bank Management System**

Sept, 15 – Nov, 15

A fully operational bank accounts management system based on C++.

**Positions of Responsibility**

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Head of Logistics , HexaHive Hackathon

Aug, 18 – Feb, 19

Head of Technical Team , SillyCube Club

Jul, 16 – Dec, 16

Head of Technical Volunteers , School Annual Fest

Nov, 15 – Dec, 15

**Awards and Achievements**

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- Best Student Award from Parul University for First Year of Engineering.
- Won Bronze medal for academic excellence in 5<sup>th</sup> and 6<sup>th</sup> semester of engineering.
- Selected for Erasmus Plus Program for Partner countries and successfully completed a fully funded semester in Wroclaw University of Science and Technology .
- Black belt 2<sup>nd</sup> Den and State level winner in kata and kumite.
- Won medals at KVS Regional Level sports meet.

**Interests and Hobbies**

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- Making YouTube videos
- Playing cricket
- Working out in Gym
- Competitive coding
- Watching Hollywood television series