



## 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-prajapati-b09757125/>

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

Languages known : 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 | 7.93          |
| B.Tech. (CSE)        | Parul Institute of Engineering and Technology,<br>Parul University, Vadodara, Gujarat | 2015-19  | 9.02          |
| Intermediate/+2      | Kendriya Vidyalaya, Silvassa (UT of Dadra Nagar Haveli)<br>CBSE                       | 2014-15  | 86.80%        |
| High School          | Kendriya Vidyalaya, Silvassa (UT of Dadra Nagar Haveli)<br>CBSE                       | 2012-13  | 87.40%        |

## SKILLS

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

## PROFESSIONAL EXPERIENCE/INTERNSHIPS

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|----------|---|-------------------|
| Academic | Dhirubhai Ambani Institute of Information and Communication Technology<br>Position : Teaching Assistant<br><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><br><b>Program : Data Analytics Virtual Internship</b><br>Data Quality Assessment<br>Data Insights<br>Data Insights and Presentation   | May, 19 – May, 19  |
|                    | <b>JP Morgan Chase &amp; Co.</b><br><b>Program : Software Engineering Virtual Experience</b><br>Establishing financial data feeds<br>Front-end web development<br>Data Visualization with Perspective   | May, 19 – May, 19  |
|                    | <b>MMSI Technologies Pvt. Ltd.</b><br><b>Position : Software Developer Intern</b><br><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> Dan 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