



RAJ B PRAJAPATI

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DOB: August 11,1997

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LinkedIn Profile : <https://www.linkedin.com/in/raj-prajapati-b09757125/>

Profile website : <https://RajR11.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, 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

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

PROFESSIONAL EXPERIENCE/INTERNSHIPS

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

PROJECTS

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

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

- Best Student Award from Parul University for First Year of Engineering.
- Won Bronze medal for academic excellence in 5th and 6th 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 2nd Den and State level winner in kata and kumite.
- Won medals at KVS Regional Level sports meet.

Interests and Hobbies

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