RAJ B PRAJAPATI

Email: prajapatiraj.97@gmail.com   **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://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	-
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	WordPress , WiX , Anaconda, 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	Aug, 19 – Present

Position : Teaching Assistant

Activities that I have to perform as a Teaching assistant:
- Conduct labs of undergraduate students
- Lab manual creation
- Conducting theory and practical exam as well as its assessment.

Industrial	MMSI Technologies Pvt. Ltd.	Feb, 19 – June, 19

Guide : Nathan Rohler
Position : Software Developer Intern

As an intern I performed the following activities :

- 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.

PROJECTS

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 ca 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

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