



# MANUBHA GARG

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## ACADEMIC DETAILS

Name of the examination	Name of the Institute	Year	Percentage Result
B. Tech, Computer Science	IGDTUW	2019	84.78% (till 6 <sup>th</sup> semester)
12 <sup>th</sup> , AISSCE	Delhi Public School, Rohini	2015	96.0%
10 <sup>th</sup> , AISSE	Delhi Public School, Rohini	2013	10.0 CGPA

## TECHNICAL AND PROFESSIONAL SKILLS

**Programming Languages:** C, C++, Java, JavaScript (Basic), HTML, CSS, SQL.

**Tools and Technologies:** Git, Ruby on Rails, Django, Raspberry Pi.

**Relevant Courses Undertaken:** Database Management Systems, Object Oriented Programming, Data Structures, Operating Systems, Software Engineering, Computer Networks, Cloud Computing, Theory of Computation, Data Warehousing and Data Mining, AI.

**Soft Skills:** Strong leadership, communication and collaboration skills; critical thinking, logic and high math.

## INTERNSHIPS/TRAININGS

- 6-week internship at **SSPL, Defence Research and Development Organisation** (June 2016-July 2016)
- 6-week internship under **Sinew Software Systems Pvt. Ltd.** (June 2018-July 2018)
- Training in C/C++ with Data Structures Coding Blocks (Dec-Jan 2016)
- Training in Web Development with Ruby on Rails Coding Ninjas (June-July 2017)

## PROJECTS

- Locality Aggregator** (June-July 2018 | Team Size: 1)  
Completed a project titled 'Locality Aggregator' which takes as input the bounds of a city of interest and generates data in bulk about its various underlying localities, sub-localities and blocks using Django and Python.
- Training and Placement Web App** (July 2017 | Team Size: 3)  
The project aimed at developing an interactive web application for the TnP Dept. to ease the process of recruitment.  
*Technology Used: HTML, CSS, JavaScript, Ruby on Rails*
- KNOWMED: Knowledge Enhancement System** (April 2018 | Team Size: 6)  
A web-based IT platform which enrolls all service providers and provides them updated knowledge about clinical case studies, discuss on specific conditions and share ideas.  
*Technology Used: Moodle*
- Smart Gardening System** (Jan 2018 | Team Size: 6)  
My Smart Garden is a smart gardening system which caters to the many tasks involved in gardening. It was built using a soil moisture sensor, a temperature sensor, and a Raspberry Pi controlled water pump.  
*Technology Used: Raspberry Pi3, Python*

## EXPERIENCE AND POSITIONS OF RESPONSIBILITY

**Teacher | Community Initiative | Nishulk Shiksha Sansthan** (August 2016-Dec 2016)  
Worked with a group of over 100+ students and helped them in all subject areas, as a part of an initiative that aims to eliminate educational inequality.

**Project Head | Project 'KIHDMAT' | Enactus, IGDTUW** (June 2015-June 2016)  
Researched and developed the project "Khidmat" with field visits, ground surveys, food tastings etc. Enactus IGDTUW won under the Rookie League, Enactus Nationals Competition which saw participation from 30+ teams.

**Co-ordinator | PR Team, Taarangana | IGDTUW** (Sept 2015- Feb 2016)  
Invented creative promotional strategies, organized several online events and was a part of corporate communications.

**Head-Co-ordinator, Technical Team, Innerve | IGDTUW** (Aug 2016- Oct 2016)  
Developed and organized events which witnessed the participation of over 1000+ students.

## ACHIEVEMENTS

**GOLD MEDALIST:** Awarded Gold Medal for excellent academic performance in school for 6 consecutive years.

**FINALIST:** World Food India Hackathon, 2017 | New Delhi, India

**WINNER:** Smart India Hackathon 2018 | Kolkata, India

**A1 and A2** certificates from Alliance Francais, Delhi.