

## B.Yashwanth Reddy

5th Year Student  
M.Tech Integrated(Software Engineering)  
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### Academic Details

Year	Degree	Institute	Percentage/CGPA
2019-Present	M.Tech Integrated(Software Engineering)	Vellore Institute of Technology Chennai	CGPA = 9.38/10
2016	Class XII	R.M.K . Matric. Hr.Sec.School Chennai	<b>92.25%</b>
2014	Class X	R.M.K . Matric. Hr.Sec.School Chennai	<b>94.4%</b>

### Summary

A Final year graduate pursuing Masters in Software Engineering. Currently exploring the fields of Natural Language Processing and Machine learning since two years. My current area of focus is on Transfer learning for cross lingual learning. I strive to be a valuable resource for whatever organization I work for.

### Publications

#### Forum of Information Retrieval Evaluation (FIRE 2019)

Enhanced ensemble classifier for hate speech classification ( R Rajalakshmi, BY Reddy)

Proposed a Chi Square extraction model for extracting features from unstructured data and applied random forest classifier for detecting the Hate Speech. Our proposed work was ranked 5<sup>th</sup> position .

### Professional Experience

#### Graduate Technical Intern, Intel Corporation, Bengaluru

August 2020- Present

I'm working for EIP Support Team at Intel as a Chatbot Developer.

#### Summer Intern , Nano Software Technologies, Hyderabad

June-2019

Developed a website for student Study portal using hibernate Framework in which the students can register the course under a particular trainer and obtain certification .

#### Teaching Assistant , Problem Solving with C++( CSE1002)

Winter-2018

Guided the first year students of CSE department by teaching C++ and OOPs Concepts.

### Computer Skills

**Programming Languages:** NodeJS, C++, Python, Java, MySQL , C#, JavaScript.

**Frameworks/ Tools:** Elastic Search, Spacy, Flask, Pandas, RASA, Dialogflow, Bot Framework, Docker.

**Subjects:** Data Structures, DBMS, Operating Systems, Natural Language processing, Software Engineering.

## Languages known

Telugu, Tamil , Hindi, English,French.

## Notable Projects

### Cyber Security in Smart Grid SCADA Automation Systems

*Software Construction and Maintenance Project*

Prof. Prabakaran

Winter -2018

SCADA (Supervisory Control and Data Acquisition) used in smart grids is vulnerable to Cyber Attacks. I had Provided trust worthy and secured substation automation using Blockchain and Machine learning.

### AQUA DROP APP

*Programming in Java Course Project*

Dr. Sandhya

Fall-2018

I had made a website for booking Mineral Water from home. The aim of the project is to prevent Sql injection Attacks using ORM Technology. Libraries used are *Hibernate*.

### HumpBack Whale Detection

*Digital Image Processing Project*

Dr. Asnath Vicky Phamila

Winter-2019

It is a kaggle Competition , in which we need to identify the breed of the Blue whale from the training set of images. I had applied CNN on the dataset for the classification of Breeds.

### Chat Bot for VIT

Dr. Asnath Vicky Phamila  
*present*

An AI Chat bot to automate the student queries regarding the faculty information, question papers and Student Information of VIT CHENNAI . Libraries used are Dialogflow, NodeJs.

## Scholastic Achievements

**Institute Rank 2:** Institute Rank (Branch Rank) 2 at VIT , CHENNAI.

**NTSE Scholar:** Among the top 7 lakhs students participating in the National Talent Search Examination (NTSE-2012). Topped the state level examination.

**Hostel Index Rank 1:** Hostel Rank 1 (1<sup>st</sup> year). Which is given based on the Attendance and CGPA.

**100 Percent Attendance** – Had got 100% attendance in my 1<sup>st</sup> year and in my 12<sup>th</sup> standard.

**Best Project Award-** Had got the best project award for the fall semester(2018-19) and winter semester(2018).

## ExtraCurricular Activities

Actively participate and have won the following awards..

- CLUBS- The way of living (YOGA Club In VIT)
- Zonal level Ball Badminton Championship(year-2014-15)
- I was a part of Scouts during my School and won some prestigious awards like Chatur charan.
- Division level Silambam Player (3<sup>rd</sup> position in the kanchipuram Division).