



# Vishesh Thakur

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B.Tech - Data Science and Artificial Engineering

Github

Indian Institute Of Technology, Bhilai

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech	Indian Institute of Technology, Bhilai	8.50 (Current)	2020-Present
XII	DPS Kalyanpur, Kanpur (CBSE)	91.6%	2019
X	DPS Kalyanpur, Kanpur (CBSE)	10 CGPA	2017

## PROJECTS

- Analysing Stackexchange User Data** *Sep. 2021 - Nov. 2021*
  - Analyses user data from datascience.stackexchange from 2014 to Sep'2021 and presents various insights on the data. Major tools/technologies used: MapReduce, Apache Hadoop, Amazon AWS EMR, Shell Scripting.  
<https://github.com/HS1VT/datascience.stackexchange-data-analysis>
- Analysing Road Network of CA using Graphs by Parallel BFS on Hadoop** *Nov. 2021 - Dec. 2021*
  - This project processes the graph data of the road network of California. I used Mapreduce and processed graph using parallel BFS. Technologies Used: Shell Scripting, AWS EMR, Hadoop, Python, MapReduce.  
<https://github.com/HS1VT/graph-processing-with-python-mapreduce-parallel-bfs>
- DSAI Department Website** *October. 2021 - Nov. 2021*
  - Created and designed the proposed website for the discipline of Data Science and Artificial Intelligence, IIT Bhilai. Each student has her/his own page on this which can work as a virtual CV. Technologies Used: HTML, CSS, Node JS  
<https://hs1vt.github.io>
- Quizzing Software** *October. 2018 - Nov. 2018*
  - Created and designed a Quizzing Software as a part of school Festival. It is completely based on Visual Studio and is a real time rendition where you have to complete the quiz within a stipulated time. It displays the result at the end on comparing with all other test takers.  
<https://github.com/HS1VT/quizzing-software>

## TECHNICAL SKILLS

- Programming:** Python, C/C++, Java, Scala (Beginner)
- Skills:** MapReduce, Spark, EMR, MERN Stack, Data Structures, Algorithms

## KEY COURSES TAKEN

- Mathematics:** Linear Algebra, Calculus, Discrete Maths, Probability & Statistics, Operations Research
- Core:** Architecture for Management of Large Datasets, Data Structures, Algorithms, Introduction to Programming

## POSITIONS OF RESPONSIBILITY

- Secretary,** Student Outreach Team, Council of Student Affairs (CoSA), IIT Bhilai *May. 2021 - Present*
- Secretary,** General Oratory and Literary Society, IIT Bhilai *Apr. 2021 - Present*
- Member,** Event Management Committee, Council of Student Affairs (CoSA), IIT Bhilai *May. 2021 - Present*