

# Tushar Vatsal

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Hazratbal, NIT Srinagar

## EDUCATION

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- **Bachelor of Technology (B.Tech), ECE,**  
**CGPA: 8.008/10**

National Institute of Technology Srinagar

2019- 2023

- **Intermediate, Percentage: 69**

Bihar School Examination Board (BSEB)

2018

- **10th, Percentage: 63**

Bihar School Examination Board(BSEB)

2016

## SKILLS

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- **Technologies**

C, C++, Python, STL, Latex, HTML, CSS

- **Patterns & Practices**

Competitive Coding, Data Structure and Algorithm,  
Object Oriented Programming, Communication Sys-  
tem, Signal & System

## Internships & Trainings

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Internship at NWR in Signal and Telecommuni-  
cation

- Worked on and learnt about
  - Signalling System
  - United ticketing network of rail
  - Passenger Amenities
  - Train Track control communication
  - Railnet
  - RRI System
  - Railway telephone exchange network
  - Section control andn railway laboratory

## PROJECTS

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- **Data Analysis and Visualization of Covid-19 trend**

A project on modelling covid-19 trend in India and fur-  
ther forecasting for upcoming 15 days

*Python, SIR model, ARIMA model*

**GitHub Repo Link:**

[[github.com/Vatsal-t/Covid19](https://github.com/Vatsal-t/Covid19)]

- **Analysis of PRINTcipher**

Implemented all 48 rounds of PRINTcipher-48

*Python, Cryptography*

**GitHub Repo Link:**

[[github.com/Vatsal-T/PRINTcipher](https://github.com/Vatsal-T/PRINTcipher)]

## HIGHLIGHTS

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- Regular competitive coder at HackerRank, Codechef, codeforces & leetcode
- Leadership abilities, Intuitive Management, good communication and presentation skills, and loves problem solving
- Have worked in lot of teams as leader and also as a member. Passionate. Avid learner.