

# Sameer Kumar Singh

## RNS Institute of Technology , Bengaluru (India)

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### Education

| Program  | Institution/Board   | %/CGPA    | Year    |
|--|---|-----------|---------|
| <a href="#">B.E. (Information Science &amp; Engg.)</a> | RNS Institute of Technology<br>Bengaluru, Karnataka         | 8.33/10   | 2020-24 |
| <a href="#">Senior School Certificate Examination</a>  | Central Board of Secondary Education<br>Chennai, Tamil Nadu | 77.8/100% | 2019    |
| <a href="#">Secondary School Examination</a>           | Central Board of Secondary Education<br>Amritsar, Punjab    | 10/10     | 2017    |

### Key Projects

- [Password protected Personal Diary Management System.](#)** March 2022  
(B.E / Guide: Assistant Proff. Sunitha K) RNS Institute of Technology, Bengaluru
  - o Successfully created **Password Protected Personal Diary Management** console application in **C programming language** implementing basic **Data structure concepts and File Handling**.
  - o Keywords: College Project, C programming, Compiler based Programming, Console , Data structure, File Handling
- [Console application implementing Map Coloring](#)** Sep 2022  
(B.E / Guide: Assistant Proff. Dr. Suresh L) RNS Institute of Technology, Bengaluru
  - o Successfully created **Console application implementing Map Coloring** using **C++ programming language** implementing **Graph coloring and Branch and Bound algorithm**.
  - o Keywords: College Project, C programming, Compiler based Programming, Console , Data structure, File Handling
- [Interactive Portfolio Website using React.js and SheetDB](#)** Oct 2022  
(Internet and StackOverflow reference) Self Project
  - o Successfully created **An interactive portfolio website made with React.js and SheetDB** to showcase user's skills in term of a minimalistic **portfolio website**.
  - o Keywords: Project, HTML, CSS, Javascript , React.js, SheetDB, Portfolio website
- [House rate prediction model using Numpy](#)** Oct 2022  
(Internet and StackOverflow reference) Self Project
  - o Successfully created **A primary real-estate House rate Prediction Model** using **Python , Numpy , Panda and Seabed**. to predict House rent using a CSV dataset given.
  - o Keywords: College Project, C programming, Compiler based Programming, Console , Data structure, File Handling

### Online Courses

- o Devtown: [Python and Machine learning Bootcamp.](#) (Aug 2022)
- o JPMorgan Chase and Co. and Forage: [Software Engineering Virtual Experience](#) (Aug 2022)
- o Coursera: [Introduction to Cybersecurity Tools Cyber Attacks by IBM](#) (Jan 2022), [Crash Course on Python by Google](#) (Jan 2022), [HTML, CSS, and Javascript for Web Developers by John Hopkins University](#) (Dec 2021)
- o Indian Institute of Remote Sensing (IIRS, ISRO): [Global Navigation Satellite System and Location based services](#) (Apr 2022), [Hyperspectral And Microwave Remote Sensing Techniques For Geological Studies](#) (Mar 2022), [Machine learning to Deep Learning: A journey for remote sensing data classification](#) (Jul 2021), [Overview of Web GIS Technology](#) (Jul 2021), [Satellite based Navigation: A Journey from GPS to Mobile Phone Platform](#) (Mar 2021).
- o Great Learning: [Python Programming in Hindi](#) (Dec 2021) .
- o Infosys SpringBoard: [Learn and Master C Programming For Absolute Beginners!](#) (Sep 2021) , [Understanding Social Styles](#) (Sep 2021) , [Speak Up](#) (Sep 2021).

## Technical Skills

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- Programming Language: C, C++, Python
- Database System: Mysql
- Tools: Microsoft Office suite , Adobe Lightroom , Eclipse , Visual Studio
- Web Technology: HTML, CSS, Javascript , React.js
- Operating System: Windows, Linux

## Workshops

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- Participated in the workshop, [5 day workshop on Advanced C programming with placement perspective](#) conducted by RNSIT, Karnataka (2021).
- Participated in the webinar on [Guide to Starting Up](#), organized by RNSIT, in association with Mr.Pushpa Raj Singh, Bengaluru (2022).

## Achievements/Awards

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- Successfully qualified [JEE Mains](#) (2019,2020), [VITEEE](#) (2019,2020), [SRMJEE](#) (2020) [KITEE](#) (2020), and [COMEDK](#) (2019,2020).
- Secured 4th<sup>rd</sup> rank in Chess Competition conducted by EDC , RNSIT (2022).
- Secured 1st rank in the [General Knowledge Quiz Competition conducted by EDC , RNSIT \(2022\)](#)
- Secured Rank 1 [in Code Break v2.0](#) conducted by RNSIT (2021).

## Others

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- Hobbies: Travelling, Learning languages, Chess and Trivia
- Languages: English, Hindi, Magadhi , Spanish , Punjabi.

## Declaration

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I do hereby declare that all the details furnished above are true to the best of my knowledge and belief.

Place: Bengaluru, Karnataka (India)

(Sameer Kumar Singh)

Date: 20th Nov, 2022

Note: Highlighted are link to proofs and validation (if required).