# Rishi Raj

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#### **EDUCATION**

### BMS Institute of Technology Bangalore, India

Bachelors of Engineering in Computer Science and Engineering

Aug 2019 - Aug 2023 GPA: 8.05/10.0

Loyola School Jamshedpur, India

March 2019

ICSE and ISC

EXPERIENCE

TATA Steel Cyber Security, Internship May 2022 - Aug 2022 Jamshedpur, India

- Learned about Microsoft Defender for Endpoint and other technologies used by big companies to secure endpoints from threats, vulnerabilities and hackers.
- Learned to use the software and read the data produced by it to know about the security score of the company.
- Checked on the Company's Security score and studied about it's vulnerabilities and the ways to overcome those.

#### PROJECTS

Chat App Jun 2021 - Jul 2021

BMS Institute of Technology Bangalore

Github

- This is a clone of WhatsApp using Telegram theme made purely using JAVA swing and the concept of Socket Programming. The client and server concept is used here to implement the sending and recieving of messages.
- This project is recognised by the HoD of Computer Science and Principal of BMSIT.

## Automation using Python

Oct 2020 - Nov 2020

Project Based Learning BMSIT

- The project is about automation using Python, we Automated the famous dino game of Google Chrome using python libraries like PvAutoGUI.
- Created a message spammer which works for all messaging apps using the same python libraries.

**Book Box** Jun 2022 - Jul 2022

BMS Institute of Technology, Bangalore

- An online book portal app made using **Android Studio** which is linked directly to google books.
- User can login into their account, buy or rent a book, OTP feature is also used during the time of delivery.

#### Other Projects

- Password strength Checker Z: Takes a password as an input and rates is strength out of 30 and tells how strong the password is.
- Railway Management System : Web project with linked SQL Database made using PHP which can be used to book train tickets, get the status along with login and SignUp of accounts.

#### ACHIEVEMENTS

Winner of an Inter College	Won a three round HackaThon organised by Bangalore Institute of Technology at 2022
Hackathon	their annual Fest where students from top colleges of bangalore competed against each
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**Problem Solving** Solved more than 200 problems on **LeetCode** alone and more than 500 DSA problems 2022

solved on different platforms like LeetCode, CodeChef, Geeks for Geeks, HackerRank

etc. Leetcode profile leetcode.com/RishiiRaj

National Level Hackathon

**Finalist** 

Participated in a National level Cybersecurity Hackathon called Saniya Rankshetram 2021 organised by the Indian Army. It included rounds like Capture the flag and General

Cybersecurity Knowledge.

## TECHNICAL SKILLS

**Programming languages:** JAVA, C, C++, Python

Web Technologies: HTML, CSS, JAVA Swing, JavaScript

Miscellaneous: Android, MySQL(Basic), Shell, Linux, Hashing,

Metasploit(Basic), PyGame

#### Relevant Coursework

Computer Science: Cloud Computing, Data Structures and Algorithms, Databases, Operating Systems, Computer Networks, Compiler Design, Computer Graphics

Mathematics: Calculus, Combinatorics, Discrete Maths, Probability and Random Processes, Number Theory, Linear Algebra

## Interests