Rishi Raj

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EDUCATION

BMS Institute of Technology Bangalore, India — Aug 2019 - Aug 2023
Bachelors of Engineering in Computer Science and Engineering — GPA: 8.05/10.0

Loyola School Jamshedpur, India — March 2019
ICSE and ISC

EXPERIENCE

TATA Steel — May 2022 - Aug 2022
Cyber Security, Internship — 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 **PyAutoGUI**.
- 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, Banngalore
- 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** : 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 Hackathon	Won a three round HackaThon organised by Bangalore Institute of Technology at their annual Fest where students from top colleges of bangalore competed against each other.	2022
Problem Solving	Solved more than 200 problems on **LeetCode** alone and more than 500 DSA problems solved on different platforms like LeetCode, CodeChef, Geeks for Geeks, HackerRank etc. Leetcode profile **leetcode.com/RishiiRaj**	2022
National Level Hackathon Finalist	Participated in a National level Cybersecurity Hackathon called **Saniya Rankshetram** organised by the **Indian Army**. It included rounds like Capture the flag and General Cybersecurity Knowledge.	2021

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

Sports, Music, Stock Market,Travelling, E-Sports, VolleyBall, Atheletics, Chess — 2021 - 2022