

Gaurav Raj

Cyber Security Student (aka thehackersbrain)

I'm a Cyber Security Student with a passion for Cyber Security, more specifically in Reverse Engineering, Binary Exploitation, Bug Bounty hunting, Penetration Testing, and also Programming in multiple languages. I'm dedicated to learning and growing my cybersecurity skills to enhance my ability to identify vulnerabilities in software, applications, and websites.



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WORK EXPERIENCE

Python Developer at Cybercraft Labs Pvt Ltd

09/2023 - Present

Patna

Market Representative at Nouveau Medicament Private Limited.

04/2023 - 09/2023

Patna

PERSONAL PROJECTS

Vigilante Arch [🔗](#)

- A live and anonymous operating system for hackers, security professionals, and tech geeks. **Vigilante Arch** is the ultimate toolkit for modern-day cyber vigilantes. Built on the robust foundation of Arch Linux.

Chip8 [🔗](#)

- The project is a **Chip8** emulator written in the **Rust** programming language. The goal of the project is to learn more about **system programming** and generally how emulators work while learning to program or code in **Rust**.

CPUInfo-OS [🔗](#)

- A Simple Linux Operating System, written in C, C++, and Assembly Language. With a custom-written Kernel with Keyboard Input Support and a custom bootloader.

Hiddenwave [🔗](#)

- Got a secret file or message which you want to hide? Hiddenware is a tool written in C and C++ for hiding your files and messages inside an audio file

EDUCATION

B.Sc (Zoology)

Magadh University Bodh Gaya

08/2018 - 08/2021

Courses

- B.Sc (Hons) - Zoology

I.Sc (Science)

R.R.P. College, Bhergawan

06/2016 - 07/2018

Courses

- Intermediate in Science (Maths & BIO)

Patna, Bihar

Masaurhi, Patna

SKILLS

Linux Administration

Pen Testing/Bug Hunting

Programming (C, C++, Python, Go, Rust, Java, PHP etc.)

Networking

Web Development (MERN/MEVN etc.)

Reverse Engineering

Binary Exploitation

Software Development (Desktop/Mobile/Web)

Git/Github/Gitlab

DevOps (CI/CD, Jenkins, AWS, GCP)

ACHIEVEMENTS

In Top 1% on TryHackMe (08/2021 - Present) [🔗](#)

An online platform for learning Cyber Security or any skills related to IT Security. Also created and got some box listing on **Vulnhub**.

Cyber Offences by MeitY (Govt. of India) [🔗](#)

Secured 83% in the online quiz, conducted as a part of National Cyber Security Laws and Awareness by the **Ministry of Electronics & Information Technology (MeitY)**, ISEA Project Phase - II, **Government of India**.

Jet Fortress from HackTheBox [🔗](#)

Completed **Jet Fortress** on **HTB**. Fully customizable vulnerable labs that any company can host in **Hack The Box**. Consists with Web Applications and System Vulnerabilities with Basic to Advance level of Complexity.

CERTIFICATES

Basic Cyber Security Knowledge and Experience [🔗](#)

Certificate of Completion of Advent of Cyber 2020. A 25 days security challenge camp hosted by TryHackMe.

Problem Solving (Intermediate) From HackerRank [🔗](#)

Data Structures (ie. HashMaps, Stacks, and Queues) and Algorithms

Reverse Engineering and Malware Analysis (CRMA+) [🔗](#)

Practical application of Reverse Engineering and Malware Analysis

INTERESTS

Reading

Blogging

Cybersecurity

Puzzles