

# 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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## EDUCATION

### B.Sc (Zoology)

Magadh University Bodh Gaya

08/2018 - 08/2021

Patna, Bihar

Courses

- B.Sc (Hons) - Zoology

### I.Sc (Science)

R.R.P. College, Bhergawan

06/2016 - 07/2018

Masaurhi, Patna

Courses

- Intermediate in Science (Maths & BIO)

## PERSONAL PROJECTS

### 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

### Webhawk

- A Web Recon Framework written in Python to automate reconnaissance on Web Applications i.e whois lookup, Subdomain Enumeration, DNS lookup, etc, enhanced by threading.

## 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

## SKILLS

Linux

Hacking

Programming (C, C++, Python etc.)

Networking

Web Development

MS Excel

Reverse Engineering

Binary Exploitation

## 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

## LANGUAGES

Hindi

Native or Bilingual Proficiency

English

Full Professional Proficiency

## INTERESTS

Reading

Blogging

Cybersecurity

Puzzles