

Prince Kumar

B.Tech – Mechanical Engineering – IIT (ISM) Dhanbad



+91-9934513514

[LinkedIn](#)

princegup678@gmail.com

Portfolio: [Link](#)

EXPERIENCE

GURUGRAM Cyber Cell

- Learnt and worked on real-life methodologies for penetration testing, including system hacking and web application vulnerability assessment.
- Explored Dark Web under proper guidance.
- Learned about different fishing techniques, Social media attacks, and how to mitigate them.
- Learnt about different firewalls, honeypots, malware, and ransomware.
- Hands-on trial of top 10 OWASP vulnerabilities and various tools like Metasploit, Nmap, go buster, john the ripper, Burp Suite, and many others.

Vardhan Consulting Engineers

- Learnt how to prepare the Financial Model.
- Designed “Financial Modeling and Analysis of 50 Flats Housing Project in Gurgaon, Haryana IN”.
- Used SQL queries to fetch the data.
- Used Python to visualize data.

PROJECTS

Advance Healthcare Monitoring System ([Github Link](#))

- A monitoring system for patients which sends an alert if a panic attack or something unusual is detected. It also provides a live feed.
- This model can take input via-
 1. Real-time Video input
 2. Upload Images from the System
 3. Provide URL of the Image
- Created a CNN using four convolutional layers, compiled the model using Adam Optimizer and trend the model for 15 epochs, and saved the weights in .h5 values.
- Finally Integrated with flask.
- Flask, Deep Learning, HTML, CSS, JavaScript is used for development.

Buster ([Github Link](#))

- A tool to find hidden web pages, directories, and files with different extensions.
- Smart enough to filter out customized error pages that give 200 response codes instead of response code 4xx.
- Used threading to speed up the findings, instead of sending normal sequential requests.
- Developed using Python.

EDUCATION

Indian Institute of Technology (ISM), Dhanbad — B.Tech MECHANICAL ENGINEER

JULY 2018 - JULY 2022 OGPA – 7.41

Chinmaya Vidyalaya — Senior Secondary

APRIL 2016 - APRIL 2017 87.0%

M.K. D.A.V. Public School — Secondary

APRIL 2014 - APRIL 2015 CGPA - 9.4

SKILLS

- **Strong:** Data Structures and Algorithms, C++, OOPS, DBMS, OS, HTML, Management, Leadership
- **Intermediate:** Python, Bootstrap, JavaScript, C, CSS, Django, Cyber-Security
- **Coding Profiles:** 950+ questions
[LeetCode](#), [Stopstalk](#), [Interviewbit](#),
[GeeksforGeeks](#), [Codeforces](#)

ACHIEVEMENTS

- Secured **Global Rank: 96** in Codechef September Cook-Off 2021
- Secured **Global Rank: 522** in Google Kick Start 2021 Round F
- Progressed to **Round 2** in Facebook Hackercup 2021
- Received a medal and certificate for securing **18th Rank in Jharkhand in N.M.S.T** (National Merit Search Talent) Exam.
- **Bronze Medal in 400*4 Relay Race:** In Annual Sports Meet of IIT(ISM) Dhanbad
- **Winner in the Volleyball Inter-Hostel Championship tournament** of IIT(ISM) Dhanbad.

POSITIONS OF RESPONSIBILITY

- **Senate Coordinator** of Naresh Vashisht Centre for Innovation and Tinkering (NVCTI). Student Innovation Cell (SIC) helps to build the culture of innovations among the students and faculty of the institute.
- **Public Relations Head** at Association Of Computing Machinery(ACM) Student Chapter at IIT(ISM) Dhanbad.
- **Coordinator of FFI:** Fast Forward India (FFI) is an N.G.O at IIT Dhanbad, which has four chapters, namely Bloodline, Escape, Jagriti, Disha.
- **Marketing team member** – Srijan’20 (Annual Socio cultural fest of IIT(ISM) Dhanbad.

EXTRACURRICULARS

- Playing Badminton & Cricket
- Volleyball player as Libero
- Cross-cultural Interaction/ Travelling