

# Dhruv Agarwal

## Innovator & Inventor

A self-motivated individual, passionate about Research and learning emerging technologies: pursuing a keen interest in cybersecurity and cryptography. I want to become a role model with the moto of "be premium, not freemium."



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github.com/dhruv1972

## EDUCATION

### Bachelor of Technology in Computer Science and Information Technology

Symbiosis University of Applied Sciences, Indore ,Madhya Pradesh

10/2020 - Present

A+

### RBSE (XII)

Shiv Jyoti Sr. Sec. School, Kota ,Rajasthan

03/2019 - 03/2020

A

### CBSE (X)

St. Pauls Sr. Sec. School, Chittorgarh,Rajasthan

03/2017 - 03/2018

A+

## PROJECTS

Plant Disease Detector (10/2022 - Present)

- CNN, Resnet V9, Mobinet Model and Gradio framework

Fake News Detector (11/2022 - 12/2022)

- Logistic regression model and frequency analysis of text data

Meter Reader Tracker (05/2022 - 07/2022)

- QR Code scanning, Android App and Firebase as Database

Dev Darshanam Android App (05/2021 - 06/2020)

- Devotional and tourist App Using Android, DotNET, Azure

Universal Converter (01/2021 - 02/2021)

- This project converts most file formats and merges and splits pdf. It also can encrypt and decrypt the folder
- Using Java, Dos, using open source libraries, HTML, CSS, PHP

## WORK EXPERIENCE

### Information Security Administrator

Virtually Testing Foundation

09/2022 - 11/2022

Cybersecurity and Network Security

Los Angeles, California, USA

### Software Intern

Tata Consultancy Services

03/2022 - 05/2022

Android Development and Firebase

Indore, india

### Web Developer Intern

ClearExam

08/2021 - 10/2021

HTML,CSS,JS ,Blogger

Indore, India

## SKILLS

Linux

Windows

Chrome OS

Android OS

Smart Contracts

Cryptool

Orange Data Mining

Google Dork

Social Engineering Toolkit

OSINT

Metasploit

Wireshark

John the ripper

Hashcat

Burp suite

nmap

## PUBLICATION

Dhruv Agarwal, S. Gurele and H. S. Lamkuche, "SAILFISH-I: A Lightweight Block Cipher for Cloud-Enabled Fog Devices," 2022 IEEE 6th Conference on Information and Communication Technology (CICT), Gwalior, India, 2022, pp. 1-6, doi: 10.1109/CICT56698.2022.9997844.

## CERTIFICATES

IEEE Student Branch (2022 - Present)

Vice-Chair

Threat Hunting (Virtually Testing Foundation) (2023)

Advent of Security 2022 (TryHackMe) (12/2022)

Virtual Experience Program (Mastercard) (03/2022)

Global navigation Satellite System (IIRS) (11/2021)

Overview of Geoprocessing using Python(IIRS) (11/2021)

## LANGUAGES

C/Cpp

Full Professional Proficiency

Python

Full Professional Proficiency

Bash/Powershell

Full Professional Proficiency

HTML/CSS

Full Professional Proficiency

## INTERESTS

Cybersecurity

Cryptography

Cryptanalysis

Script Development

ML/AI

Blockchain

Cloud

Penetesting testing

Data Analytics

Vulnerability Analysis

Risk Assessment