

PIYUSH



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EDUCATION

Bachelor of Technology in Computer Science & Engineering UIET KURUKSHETRA (2021-2024) 7.9 CGPA	2024
Diploma in Computer Science & Engineering GOVT. POLYTECHNIC SONIPAT (2019-2021) PERCENTAGE: 81.8%	2021
Senior Secondary (XII), Non-Medical Saraswati Vidya Mandir Sr Sec School, Sonipat - HBSE Board PERCENTAGE: 71.4%	2019
Secondary (X) Saraswati Vidya Mandir Sr Sec School, Sonipat - HBSE Board PERCENTAGE: 75.6%	2017

CERTIFICATIONS

Certified Ethical Hacker v12 | [verify](#) Nov 2023
EC-Council

CyberArk Certified Trustee (Level 1) | [verify](#)
CYBERARK GLOBAL EDUCATION SERVICES

Introduction to Cyber Security | [verify](#)
TryHackMe

Data Science Methodology | [verify](#)
IBM Developer Skills Network

SKILLS

LANGUAGES: Python, C++

OPERATING SYSTEM: Linux, Window, MacOS

Ethical Hacking: Scanning Network, Footprinting, Enumeration, Vulnerability Analysis, SQL

Injection, Cryptography

DATABASE: MySQL, Firebase

TRAINING & INTERNSHIP

CYBER Forensics INTERNSHIP | [verify](#) Jul 2023- Aug 2023
GICSEH Data Security Pvt. Ltd. Noida
6-WEEKS INTERNSHIP

CYBER SECURITY INTERNSHIP | [verify](#) Jul 2022- Aug 2022
GICSEH Data Security Pvt. Ltd. Noida
6-WEEKS INTERNSHIP

Introduction to CyberArk Privileged Access Management
CYBERARK GLOBAL EDUCATION SERVICES, Online | [verify](#)

Android App Development using Kotlin | [verify](#) Jun 2020 - Jul 2020
Internshala Trainings, Online

PROJECTS

MISSING CHILD SCAN - Lead of Mini Project College May 2023
[SOURCE CODE](#)

- Played a pivotal role in harnessing the power of **facial recognition** technology and **OpenCV** within the "Missing Child Scan" project.
- Led critical feature development, including fine-tuning **face detection algorithms**.
- Collaborated effectively with the team to integrate and optimize these technologies.
- The outcome: A ground-breaking tool that redefines missing child recovery efforts, powered by **facial recognition** and **Python's OpenCV**.

TARINI – WOMEN SAFETY APP - Team Lead March - April 2023
[verify](#)

- Led a team of six in designing and prototyping a Women's Safety App for the India Gov **KAVACH Hackathon 2023**, a cybersecurity-focused event.
- Proficiently utilized **Kotlin** for app development.
- Seamlessly integrated Firebase for secure user authentication and **database management**.
- Our problem statement **won at the college level**, effectively addressing critical safety concerns for women.

FILE INTEGRITY MONITORING - Minor Project College Aug - Dec 2022
[SOURCE CODE](#)

- Solely conceptualized, developed, and maintained the File Integrity Monitoring system as a Minor Project during my college coursework.
- Utilized **PowerShell scripting** for **hash calculation** and real-time file monitoring.
- Implemented **robust security** measures to ensure the system's effectiveness in **maintaining file integrity**.
- Successfully managed all aspects of the project, from initial design to continuous monitoring, showcasing self-reliance and technical competence in a minor project.

DROWSINESS DETECTION SYTEM using OpenCV July 2021
[SOURCE CODE](#)

- Created a real-time Drowsiness Detection System using **Python, OpenCV**, and **dlib**.
- Developed an **EAR-based algorithm** to trigger **audio alerts** for driver drowsiness.
- Integrated the system with webcams and audio devices for practical use.
- Improved **road safety** by providing timely drowsiness warnings to drivers.