Hardik Y Kumawat

Linkedin: linkedin.com/in/Hardik-Y-Kumawat/   **Email:** hardikkumawat444@gmail.com
Github: github.com/hardikkum444   **Mobile:** +91-8208981018
Leetcode: leetcode.com/u/hardikkum444/

SKILLS

- **Languages:**   Golang, Python, C++, Java
- **Frameworks:**   Gorilla, net/http, Flask, Gin, Chi, Cobra
- **Tools/Platforms:**   Nginx, Docker, MySQL, Linux, Github Actions, Zsh, Bash, Prometheus, Graphana
- **Soft Skills:**   Emotional Intelligence, Critical Thinking, Adaptability, Active Listening, Decision-Making

INTERNSHIP

- **HEMRL (High Energy Material Research Lab) DRDO Pune**   June 2024 - August 2024
  - **Cybersecurity Intern**
  - Conducted Research on the topic **Study and Implementation of Cybersecurity Applications for QR Data Encryption and Forensic Disk Imaging.** Created a well defined project report document on the same.
  - Developed the **IYD Disk Imaging Application,** designed to facilitate the secure imaging of storage devices.
  - Created a web application for **QR data encryption and verification** for secure internal data transfer.
  - **Tech: Python (Flask, AES-256 encryption algorithm)**

PROJECTS

- **Unplugged: Self Hostable Blazingly Fast Robust Blogging Service**   January 2025 – February 2025
  - Created a robust and blazingly fast self-hostable blogging service.
  - Designed a Dockerfile for self-hosting, including Nginx for reverse proxy and MySQL.
  - Configured Nginx as a reverse proxy for a self-hostable blogging service, ensuring secure and efficient traffic management.
  - Provided an additional script to sync the local database with the Docker MySQL database.
  - **Tech:** Golang, Docker, Nginx, HTML templates
  - **Github:** https://github.com/hardikkum444/man44-unplugged

- **Go-Do-It: Todo list CLI Application With a TUI**   October 2024 – November 2024
  - Created Go-Do-It as a minimal CLI-based to-do list application in Golang, perfect for developers or sysadmins.
  - Designed a streamlined Terminal User Interface (TUI) for enhanced navigation and usability.
  - Provided binaries for Android, Windows, and Linux, along with a comprehensive manual for user assistance.
  - Published this application on the Arch User Repository for seamless installation using PKGBUILD.
  - **Tech:** Golang (tview, cobra), PKGBUILD, Roff
  - **Github:**   https://github.com/hardikkum444/go-do-it
  - **AUR:**   https://aur.archlinux.org/packages/go-do-it

- **IYD – Image Your Disk: Disk Imaging Application**   July 2024 – August 2024
  - Created Image-Your-Disk as a disk imaging application built using python with native support for Linux.
  - Built an interactive GUI for seamless navigation and user experience.
  - Integrated PGP for secure mounting, encryption, and decryption of created disk images.
  - Optimized performance and responsiveness for large data using multithreading.
  - **Tech:** Python (Python-tkinter), Figma
  - **Github:**   https://github.com/hardikkum444/IYD-Image-Your-Disk

CERTIFICATES

- Golang intermediate certification **[Hackerrank]**   December 2024
- Mastering Data Structures & Algorithm using C and C++ **[Udemy]**   November 2023
- Ethical Hacking Essentials (EHE) **[Coursera]**   December 2024
- Digital Forensics Essentials (DFE) **[Coursera]**   November 2024

ACHIEVEMENTS

- 1800+ Commits on Github, showing continuous development and commitment to programming
- Awarded Rs 15,000 by the government on scoring 95% in 10th board exams
- CGPA: Maintaining a CGPA of 8.17 at university
- Played Zilla Parishad level football for 3 years

EDUCATION

- **Lovely Professional University**   **Phagwara, Punjab**
  *Bachelor of Technology - Computer Science and Engineering: **CGPA: 8.17***   *Sept 2022 – Present*

- **Blossom Public School**   **Pune, Maharashtra**
  *Intermediate; **Percentage: 79%***   *April 2021 - March 2022*

- **Akshara Internation School**   **Pune, Maharashtra**
  *Matriculation; **Percentage: 95%***   *April 2019 - March 2020*