



HARSHIT RUWALI

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[Personal Website](#)

[GitHub Profile](#)

[Linkedin Profile](#)

[Hack The Box Profile](#)

[StackOverflow Profile](#)

PROGRAMMING LANGUAGES:-

Python, JavaScript, Swift, C++,
Rust, Bash

FRAMEWORKS/SOFTWARES:-

Metasploit, BurpSuite, IDA,
Radare, TensorFlow, Keras,
OpenCV, SwiftUI, NodeJS, Google
Firebase, Git

LEADERSHIP SKILL:-

House Captain, Sports Vice-
Captain, Scout Troop Leader

ABOUT ME

Second-year Computer Science undergraduate pursuing Bachelor of Engineering from Vellore Institute of Technology, Bhopal.

I am interested in *Pen-Testing*(holding *Pro-Hacker Badge* in *Hack-The-Box*), *Deep Learning*, and *Full-Stack Development*.

EDUCATION

**VIT BHOPAL, INDIA — BACHELOR OF TECHNOLOGY,
COMPUTER-SCIENCE**

JULY 2019 - JUNE 2023

CGPA: 8.7

Group and Activities: Software Development Team

EXPERIENCE

**WEB DEVELOPER & AI DEVELOPER @ [WORKKNOT](#)
MAY 2020 - AUGUST 2020**

- Developed whole back-end of web.
- Modified and improved the back end algorithm.

PROJECTS

- **PERSONALISED VOICE ASSISTANT (PYTHON)**
A Single Voice Assistant for Multiple users.
Accuracy = 98% for 3 users for 10 mins of data and trained for 10 epochs.
- **COVID-19 DETECTION (PYTHON)**
A CNN model to detect COVID-19 in the person with having accuracy of **97.50%** based on the x-ray of the chest of the person.
- **TRAFFIC SIGN RECOGNITION (PYTHON)**
Recognises **43 different traffic signs** in the road. A convolutional neural network application. And have **accuracy of 94.45%**.
- **NEWS APP (SWIFT)**
An **iOS/ MacOS/ iPadOS** news app which fetch current trending tech news from web, made using the whole new **SwiftUI**.