

DHANANJAY GHULE

Certified Ethical Hacker | Formula Racecar Student |

ghananjayghule03@gmail.com | +91-7620210048 | LinkedIn: dhananjay-ghule-82b47b1b4/

EDUCATION

Dr. D. Y. Patil Institute of Engineering, Management and Research

B.E IN Mechanical Engineering
2018-2022 | Pune, India
Cum. GPA: 9.00/10

Shri Shivaji Preparatory Military Junior college

2016-2018 | Pune, India
Class XII Percentage: 74.74%

Nav-Maharashtra School

2014-2016 | Pune, India
Class X Percentage: 92.80%

ACTIVITIES

- Delivered Sessions on **design and analysis** for juniors under Dr. D. Y. Patil college of Engineering
- Participated in **FBAC 2021 on Gather**. Town virtual platform
- Participated in **Debate competition** (Formulation of National Education Policy)
- Solved 18 labs on **Port-Swigger** labs on **SQL injection, Java Scripts, Clickjacking** and ranked 22877 in the globe.

SKILLS

LANGUAGES:

- C (Embedded System with Arduino)
- Basic Python

SOFTWARES:

- CATIA
- Ansys
- solid works

FAMILIAR:

- KALI LINUX OS
- PARROT OS
- GITHUB

HOBBIES

- To gain knowledge about different tools and their functioning which is used for Ethical Hacking.
- Making different projects on Arduino.
- Playing Cricket.

EXPERIENCE

Ersegment Pvt.ltd | Cybersecurity and Web Penetration testing

January 2021 – March 2021 | Hyderabad, India

- Preparing new challenges for **Ethical hacking** and **Web Penetration testing** and solving them

Exposure: Ethical Hacking Concepts.

Simplilearn | Ethical Hacking

April 2021 - July 2021 | Pune, India

- Worked on **I labs** for different modules of ethical hacking concepts.
- Trying to complete the modules up to September 2021 for appearing to CEH V11 exam.

Arduino | Embedded System with C language

Aug 2020 - Present | Pune, India

- Created new projects on different sensors and applied them on **Tinker-cad software** to check the functioning of each component.

Genesis 16 Motorsports | Formula Student Team

June 2019 – Present | Pune, India.

- Working as **CAE head** since April 2020
- Member of **Steering** and **Suspension system**
- Designed components of steering system and done with Analysis on it by using **workbench** software.
- Working on body works of the vehicle.

PROJECTS

HCSR04 Sensor | For accuracy in Steering system and suspension system

- By using Ultrasonic sound waves used in HCSR04 sensor we can accurately **measure the distance** between the component and the sensor.
- This Sensor is useful in calculating the reading in experimental components setup to find the error percentage in actual design and experimental achieved design.
- For suspension system we can see the **cavitation effect** by taking the initial readings and present time reading by this sensor.

ACHIEVEMENTS

- Completed different labs of ethical hacking concepts on **Port-Swigger web security academy** and **ranked 22877** across the globe.
- Consummated the **CAE Head** position in team Genesis 16 Motorsports.
- Got the Scholarship from **Maharashtra Times newspaper** after 10th and selected in top 15 from all over Maharashtra.