

# ATHARV GOLAIT

+91 8329310930 Nagpur (Maharashtra)

[atharvgolait2804@gmail.com](mailto:atharvgolait2804@gmail.com) [LinkedIn](#) [GitHub](#)

## EDUCATION

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**B.Tech. Mechanical Engineering , NIT HAMIRPUR** 2023-2027

Relevant coursework : Fluids mechanics & machinery , Mechanical drawing, Kinematics of machines , Engineering thermodynamics, Metrology and measurement

**High School Diploma** St. Paul School Nagpur 2020-2022

Grade : 93.6%

**Junior School Diploma** Sanskar Vidya Sagar Nagpur 2007-2020

Grade : 90%

## PROJECTS

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**Project : Obstacle Avoidance Bot** oct 2023

[GitHub Link](#)

- Developed an autonomous robot designed to navigate around obstacles using sensors. The robot comprises a chassis, distance sensors (ultrasonic or infrared), a microcontroller (Arduino), motors, and a power supply. The sensors measure distances to obstacles and send signals to the microcontroller, which adjusts motor speeds and direction to avoid collisions. This robot is used in educational settings for teaching robotics and programming, in industrial applications for automated navigation, and in robotics competitions

**Project : Instagram Spam Detection** june 2024

[GitHub Link](#)

- The Instagram spam detection project aims to identify and filter out spam content using machine learning algorithms. It involves analyzing user behavior, text patterns, and image content to distinguish between genuine posts and spam. By implementing this system, Instagram can enhance user experience and maintain platform integrity.

## Skills

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**Languages** Python, HTML, Java, MySQL .

**Frameworks** Numpy, Pandas, ScikitLearn, Matplotlib , Keras .

**Technology**     Git, GitHub

**Mechanical**     Onshape, Vehicle Dynamics, CAE

## **CERTIFICATION**

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- Java course completion certificate from Infosys pvt ltd .
- MATLAB Onramp course completion certificate from Mathworks .
- Online Internship on Artificial Intelligence and Machine Learning certificate from YBI foundation.
- Finite Element Analysis (FEA) certificate from Infosys pvt ltd.

## **LANGUAGES**

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- Native English
- Hindi
- Marathi