

# Manthan Waghmare

Nagpur

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## Education

### GHRCE

Nagpur, Maharashtra

BACHELOR OF TECHNOLOGY, CGPA: 7.5

May 2025

- **Somalwar Nikalas**, Nagpur, Maharashtra : Percentile - 85 — 2021
- **Sanskar Vidya Sagar**, Nagpur, Maharashtra: Percentile - 84.20 — 2019

## Skills

**Languages** Java, Python, C++, R, SQL

**Misc** PowerBi, Tableau, Git

## Experience

### Mini Project

URL PHISHING DETECTION - USING MACHINE LEARNING ALGORITHMS

- This project focused on developing a phishing website detection model. A dataset of phishing URLs was collected and subjected to feature extraction and selection to identify relevant attributes. Subsequently, the dataset was employed to train several machine learning algorithms, including Decision Trees, Random Forest, XGBoost, SVM, K-Nearest Neighbors, and Logistic Regression. The models were evaluated to determine their effectiveness in accurately classifying websites as phishing or legitimate.

### Minor Project

HIGHWAY ACCIDENT SAFETY MONITORING SYSTEM

- This project developed a prototype for a real-time monitoring and warning system aimed at preventing highway accidents. The system utilizes GPS data to track vehicle location, speed, and time, generating alerts for potential hazards. By integrating real-time information, the system provides timely warnings and suggested routes to enhance driver safety. The ultimate goal is to improve emergency response procedures and create a safer driving environment.
  - Real-time GPS tracking
  - Speed and location monitoring
  - Hazard detection and alert generation
  - Optimized route suggestions

This prototype demonstrates the feasibility of a system that can significantly contribute to highway safety.

## Projects

### URL phishing detection using ML

- Created a working model that prevents phishing websites to enter workspace of user.

### Safe Roads - Advancing Highway Accident Safety

- Created a prototype model to detect parameters to prevent Highway accidents.

## Volunteer

- Volunteered in the core team of AI Odyssey- 2023 (A technical and cultural fest organised by AI department of GHRCE every year).
- Spearheaded the organization and execution of a cultural theme dance event (Co-Lead)