

# Mahesh Lanjewar

[maheshlanjewar9921@gmail.com](mailto:maheshlanjewar9921@gmail.com) +919730603056 [linkedin.com/in/maheshlanjewar](https://www.linkedin.com/in/maheshlanjewar) [github.com/Maheshlanjewar24](https://github.com/Maheshlanjewar24)

---

## EDUCATION

### Bajaj Institute of Technology, Wardha

Bachelor of Technology in Electrical Engineering Percentage- 83 June 2019 - August 2023

### New Arts Science College, Wardha

Higher Secondary School Certificate Percentage- 65 April 2019

### Aragami High School, Wardha

Secondary School Certificate Percentage- 80 April 2017

---

## INTERNSHIP

### Automotive Research Association of India ( ARAI ) - Project Intern

January 2023 – August 2023

- Developed **Application** and **GUI** with **Vector CAN Tool** to transmit Specified data for AVAS System
- Worked with Different Companies Clients on AVAS System (**Software & Hardware Part**)
- Worked on **HIL Testing**, where developed solutions are **Test, Verify & Validate** in Real Time Simulation
- Developed **MATLAB Simulink Model** with respect to Client Projects & Worked on **Requirement Analysis**

### Python Internship - Pantech Solutions

February 2022 - March 2022

- Examined the Fundamentals of **Python**, **OOPs**, Familiarized with Standard **Libraries**.
  - Developed **Projects** to gain **Practical Experience**: Login Application System, Bank Management System, etc.
- 

## PROJECTS

### Bank Management System:

- Prepared a System using **Python and MySQL** giving functionalities such as Opening New Account, etc.
- Created new **Database** as per the requirement of the Users, using **Python Code and MySQL Connections**
- Designed a **Graphical User Interface (GUI)** which helps user to access the Bank Management System.

### Adaptive Headlight Management System:

- Developed an **Automated System** that improves the 80% visibility of the Oncoming and Incoming Vehicle
- Avoided blinding of oncoming traffic & provide Automatic Headlight Control according to driving conditions.
- **Led and Coordinated** 5 Member team with Mentor towards the successful Safety of both Stake-Holder.

### Acoustic Vehicle Alerting System Control Panel:

- Developed **Application & Graphical User Interface** for AVAS Control Panel using Python QT.
  - Executed **Backend Code** for connecting it with Vector CAN Communication and Control panel Model.
- 

## SKILLS

**Python Programming UiPath (Basic) SQL C Programming OOPs Qt Designer Project Management SDLC**

**Microsoft Excel Team Lead Team Work Adaptive Problem Solver GUI Arduino IOT Matlab-Simulink**

---

## ACHIEVEMENTS

- 1<sup>st</sup> **Winner** in Asia's Biggest **Smart India Hackathon 2022** for the Project done.
  - 1<sup>st</sup> **Winner** of **ARAI Technovus Mobility Hackathon 2022** for Smart, Safe, Sustainable Projects.
  - **Grand Finalist** in **KPIT Sparkle 2023** from all over India: 28+ Indian States, 15000+ Students, 1300+ Ideas.
- 

## CERTIFICATION

- **Python Programming** for Everybody - University of Michigan, Coursera and Udemy
  - SQL Course from 365 Data Science, Exam Score : **97%**
  - Accenture Developer Program, Accenture – Forage.
- 

## ROLES AND RESPONSIBILITIES

- **Junior Project Lead** – Cumulation.
- **Campus Business Manager**, received Letter of Recommendations – PrepBytes Technologies Private Limited
- **Core Team Member** Light Wardha, GYWS & Campus Ambassador, Adhyaaya GCOE Nagpur