# KAMAL VERMA

# **PROFILE:**

As being Quick-Learner & Hardworking Mechanical Engineer with Machine Designing, Automation and Programming skills. I.e. Web Development, Artificial Intelligence and image processing skill. I am looking for an Organization where I can utilize my skills in organizations growth and develop more Technical Knowledge.

# **EDUCATION**

#### BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING

University Institute of Engineering and Technology, Kurukshetra University, KurukshetraJune, 2023

with (74.68% up to 5<sup>th</sup> semester)

2020 (1 year)

2020 (2 months)

2021

2020

- ✓ Machine Design
- ✓ Refrigeration and Air-Conditioning
- ✓ Transmission System
- ✓ Industrial Robotics & Automations

#### **DIPLOMA IN COMPUTER APPLICATION**

Hartron Skill Centre, Kurukshetra, Haryana

- ✓ Computer Fundamentals & Applications
- ✓ Web Development
- ✓ High Level Languages (C, C++)
- ✓ Tally

#### CERTIFIED COURSE IN PLC PROGRAMMING

MSME Bhiwadi

- ✓ PLC Controller & Programming Logic Signals
- ✓ Tia-Portal Fundamentals
- ✓ Sensors

#### <u>Shaheed Udham Sigh Sr. Sec. School, Matak Majri,</u> <u>Indri</u>

12 <sup>th</sup> in Science (CBSE) with 60% Scoring	March (2017)
10 <sup>th</sup> from (HBSE) with 79.4% Scoring	March (2015)

# WORK EXPERIENCE:

#### **SUMMER INTERNSHIP**

GKN Drivelines Private India Limited, Faridabad, Haryana, India

- Quality Inspection of Bell Joint Assembly
- ✓ Rockwell hardness, frequency check, testing spline etc.

### **SUMMER** INTERNSHIP

# GKN Drivelines Private India Limited, Faridabad, Haryana, India

- ✓ .Manufacturing processes of Bell Joint Assembly
- ✓ CNC Fanuk, Tempering, Knurling etc.

# DATA ENTRY/ CSC OPERATOR (PART TIME)

- ✓ Form Filling, Making MS Word document & Excel files
- ✓ Data Entry (Typing Hindi/English)

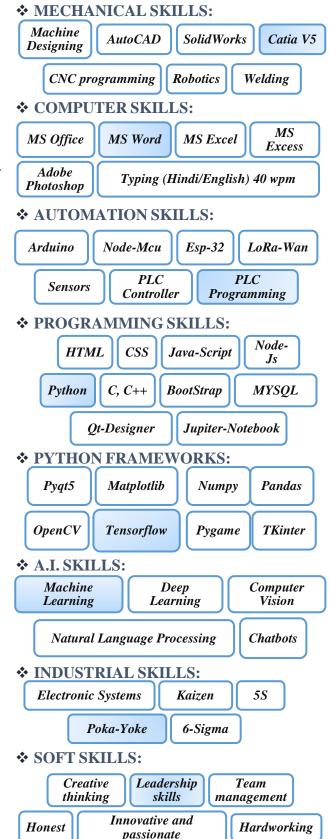
# CAMPUS AMBASSADOR OF VERZEO (PART-TIME)

Selling/Marketing of online courses

# 🔯 uietme1923kamalverma@kuk.ac.in

- **917700036606**
- 🕅 Near Ravidas Mandir, Ward No. 6, Indri (Karnal)
- www.ksji123.github.io
- A https://wa.me/917700036606
- https://github.com/ksji123
- in www.linkedin.com/in/kamal-verma-6495a4207/

# **SKILLS:**



# **PROJECTS:**

#### **APPLICATION FOR SHARING FILES FROM PC TO PHONE**

Tkinter, Socket, Python

It a python based code to send files from PC to PC or Phone to PC Wi-Fi network.

#### APPLICATION FOR ORGANIZING FILES IN COMPUTER

Tkinter, Python, Simlink

It is a desktop GUI (graphical user interface) application based on Python programming. It help to find different time of files in the computer by quick response and user friendly interface. User can automatically organise all the files of a folder into subfolders in an instant. Copy, move or making shortcut of file are available options in this app.

#### VOICE BASED VIRTUAL DESKTOP ASSISTANT

Python, Selenium, Jason, Tkinter

#### PERSONAL PORTFOLIO WEBSITE

HTML, CSS, Javascript, Bootstrap, nodejs, web-development

#### SELF-DRIVING SMART ASSISTANT ROBOT

D.L., M.L., C.V., Tensorflow, QT, Desktop Application, Chatbot, NLP, Arduino, Node-Mcu, IOT, LoRa-Wan, Stepper Motors, Web-Server, Web-App, Vosk-Model, Mechatronics'

In this project, we developed a robot that can communicate with users by voice assistance and compete the task of reaching one destination to another destination in a human-friendly environment. It uses a camera and distance sensor to identify the obstacles and follows the suitable path to the destination. Machine learning and natural language processing help the robot to make Quick and secure decisions.

# EXTRA CURRICULAR ACTIVITIES:

- Best Volunteer with 100% attendances in NSS 2020
- Student Coordinator of Technical Events in Excelsior 2022
- Covid 19 Awareness Participation
- Student of Red Cross Society UIET KUK

## **HOBIES AND INTRESTS:**

- Playing games
- Reading Spiritual and Biography books
- Innovative Projects

# **LICENSES & CERTIFICATION:**

# **3**D DESIGNING WITH CATIA V5

Online Course, Udemy

SIH FINALIST (2022)

E-Cell UIET Kurukshetra University Kurukshetra

#### **HYBRID VEHICLE** 2022

Online Workshop, E-Cell Visvesvaraya National Institute of Technology

PLC PROGRAMMING (2 MONTHS) 2021 MSME Technology Centre Bhiwadi

#### **WORKSHOP ON SELF DRIVING CAR**

(3 DAYS) 2021

2022

Online Course, PantechSolutions

**WORKSHOP ON COMPUTER VISION** 

(15 DAYS) 2021

Online Course, PantechSolutions

<u> Master Class on Machine Learning</u>

(30 DAYS) 2021

Online Course, PantechSolutions

#### **Solution** Fascinating World of Automobile 2021

Online Workshop, Amity University

SEVEN DAY NSS CAMP IN VILLAGE 2020 NSS UIET Kurukshetra University Kurukshetra

# **OCNC MACHINE OPERATIONS &**

PROGRAMMING

2020

Online Workshop, Central Institute of Petrochemical Engineering and Technology (CIPET)

#### **QUIZ ON COVID-19 WITH 90% SCORE**

2020

Online, NSS Belda

#### STANDARDISATION & CALIBRATION WORKSHOP 2019

Hartron & UIET KUK.

- $\mathbf{O}$  2<sup>ND</sup> PRIZE IN SHORT FILM CONTEST
- RATNAVALI 2019

Yuva & Sanskritic Karyakram

#### STUDENT EXCELLENCE & LEARNING PROGRAM

Art of Living

2019