

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, Kurukshetra June, 2023
with (74.68% up to 5th semester)

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

DIPLOMA IN COMPUTER APPLICATION

Hartron Skill Centre, Kurukshetra, Haryana 2020 (1 year)

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

CERTIFIED COURSE IN PLC PROGRAMMING

MSME Bhiwadi 2020 (2 months)

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

SHAHEED UDHAM SIGH SR. SEC. SCHOOL, MATAK MAJRI, INDRI

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

WORK EXPERIENCE:

SUMMER INTERNSHIP 2021

GKN Drivelines Private India Limited, Faridabad, Haryana, India

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

SUMMER INTERNSHIP 2020

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

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SKILLS:

❖ MECHANICAL SKILLS:

Machine Designing

AutoCAD

SolidWorks

Catia V5

CNC programming

Robotics

Welding

❖ COMPUTER SKILLS:

MS Office

MS Word

MS Excel

MS Excess

Adobe Photoshop

Typing (Hindi/English) 40 wpm

❖ AUTOMATION SKILLS:

Arduino

Node-Mcu

Esp-32

LoRa-Wan

Sensors

PLC Controller

PLC Programming

❖ PROGRAMMING SKILLS:

HTML

CSS

Java-Script

Node-Js

Python

C, C++

BootStrap

MYSQL

Qt-Designer

Jupiter-Notebook

❖ PYTHON FRAMEWORKS:

Pyqt5

Matplotlib

Numpy

Pandas

OpenCV

Tensorflow

Pygame

TKinter

❖ A.I. SKILLS:

Machine Learning

Deep Learning

Computer Vision

Natural Language Processing

Chatbots

❖ INDUSTRIAL SKILLS:

Electronic Systems

Kaizen

5S

Poka-Yoke

6-Sigma

❖ SOFT SKILLS:

Creative thinking

Leadership skills

Team management

Honest

Innovative and passionate

Hardworking

PROJECTS:

APPLICATION FOR SHARING FILES FROM PC TO PHONE

Tkinter, Socket, Python

It is 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 helps to find different types 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, Vostok-Model, Mechatronics'

In this project, we developed a robot that can communicate with users by voice assistance and complete 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 INTERESTS:

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

LICENSES & CERTIFICATION:

 3D DESIGNING WITH CATIA V5 2022
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
Online Course, PantechSolutions


 WORKSHOP ON COMPUTER VISION (15 DAYS) 2021
Online Course, PantechSolutions

 MASTER CLASS ON MACHINE LEARNING (30 DAYS) 2021
Online Course, PantechSolutions

 FASCINATING WORLD OF AUTOMOBILE 2021
Online Workshop, Amity University

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

 CNC 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.

 2ND PRIZE IN SHORT FILM CONTEST RATNAVALI 2019
Yuva & Sanskrit Karyakram

 STUDENT EXCELLENCE & LEARNING PROGRAM 2019
Art of Living