

KAMAL VERMA

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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

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 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:

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 & Sanskritic Karyakram

STUDENT EXCELLENCE & LEARNING PROGRAM 2019

Art of Living