



HIMMAT SINGH GAJENDRA SINGH PUROHIT

B.E. - Automation and Robotics

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BRIEF SUMMARY

Equipped with fundamental programming skills in Python, SQL with Data analytics and a willingness to learn, seeking an opportunity to contribute to a dynamic team and leverage technical expertise in a professional setting. Apart from software development I also possess strong knowledge of Robot Programming and its Development to contribute valuable data-driven solutions and contribute to the organization's growth.

KEY EXPERTISE

Python R SQL Power BI Machine Learning Robotics Data Analytics MATLAB RPA PgAdmin AI

EDUCATION

Dr. D. Y. Patil Institute of Technology

2020 - 2024

B.E. - Automation and Robotics | CGPA: 8.89 / 10

ST. STANISLAUS JUNIOR COLLEGE OF SCIENCE & COMMERCE, Mumbai

2020

12th | MSBSHSE | Percentage: 77.85 / 100

DIVINE LIFE HIGH SCHOOL, Mumbai

2018

10th | MSBSHSE | Percentage: 78 / 100

INTERNSHIPS

Forage

03 Jun, 2023 - 03 Jul, 2023

Data Visualisation: Empowering Business with Effective Insights

Key Skills: Data Visualization Data Cleaning Data Analysis Power BI Dashboard DAX Python

Created country wise sale dashboard using tools PowerBI and Tableau and provide a insights from data visualisation, data analysis after data cleaning. I used charts such as maps ,slicer ,bar chart and pie ,stacked bar, scatter chart and cluster bar chats.

iTech Robotics and automation Pvt.Ltd.

22 Jan, 2023 - 17 Feb, 2023

Key Skills: PLC Programming Robot Components

PROJECTS

Articulated Robotic Arm

24 Aug, 2022 - 15 Nov, 2023

Mentor: Prof.Gauri D.Naik | Team Size: 5

Key Skills: Electronics Robotics Components Selection Arduino UNO Robotics Arm

To enhance the quality of product or improve the production time in manufacturing industries.we created articulated robotic arm work with higher degree of freedom and provides flexibility to reduce the human error

Cryptocurrency Prediction Dashboard

01 Jun, 2023 - 20 Jul, 2023

Key Skills: Power BI Dax Forecasting Prediction Data modeling Real-time data updates Dashboards

Project Link:

https://github.com/Himmatsinghpurohit/Crypto_Currency_Dashboard_PowerBI/blob/main/Power%20BI%20ND%20Project%20%20MultiPage%20Of%20Crypto%20Dashboard.pbix

Created a multi-page dashboard for cryptocurrency data in Power BI with forecasting in line chart. Proficient in integrating real-time data from various cryptocurrency APIs and designing interactive visualizations. Skilled in data modeling, DAX calculations, and creating insightful reports .Provides different analysis tool for better visualization and deep understanding of data insights.

911 Police calls Data Analysis

15 Apr, 2023 - 30 Apr, 2023

Key Skills: Matplotlib NumPy Pandas Plotly and cufflinks Scikit-Learn Seaborn

Project Link: https://github.com/Himmatsinghpurohit/911_Police_Call_Data_Analysis

In this project of 911 police call data analysis in Python with the help of different methods is used to predict the model using visualization ,prediction and analysis.

Autonomous Agriculture Bot

Team Size: 4

Key Skills: Image Processing Surveillance Mobile Robotics Sensors

Agriculture Autonomous Bot mainly cut unwanted grass which grows in surrounded field with the help of image processing at the same time bot will surveillance the area and spray the fertilizer.

ASSESSMENTS / CERTIFICATIONS

MATLAB for Data Processing and Visualization

Key Skills: MATLAB Data Visualization Data Processing

In this course i learn about various tool used in matlab for data processing with the helps of various simulink tool

Python Fundamental on Data science

Key Skills: Data Science Data Analysis Data Analytics ML Jupyter

SEMINARS / TRAININGS / WORKSHOPS

Student Skill Enhancement Drive using MATLAB and Simulink

01 Aug, 2022 - 05 Aug, 2022

Institute Name: Dr. D. Y. Patil Institute of Technology

Key Skills: MATLAB Simulink Models

Discover the power of MATLAB and Simulink in our hands-on workshop. Learn how to efficiently analyze data, model systems, and simulate dynamic processes for diverse applications.

IROBOTICS HANDS ON TARINING ON INDUSTRIAL ROBOT LIVE ROBOT PROGRAMMING

31 Jan, 2022 - 04 Feb, 2022

Institute Name: DR DY PATIL INSTITUTE OF TECHNOLOGY

Key Skills: Robotics Robot programming Teach pendent Robotics Software FMS System Hardware

A wonderful seven day workshop in IRobotics organization where we learn about different types robots works in various industry and also learn to control system such as teach pendent ,special purpose machine and flexible manufacturing system with live programming. Overall its a best hands on training on industry robots.

EXTRA CURRICULAR ACTIVITIES

- Exploring new technology , Creating Dashboard

PERSONAL INTERESTS / HOBBIES

- Playing kabaddi , Reading Newspaper

WEB LINKS

- Github - <https://github.com/Himmatsinghpurohit>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: PLOT NO-12,MAHESH NAGAR, PIMPRI, PUNE,
Pune, Maharashtra, India - 411018

Email: himmatsinghp68@gmail.com

Date of Birth: 08 Aug, 2000

Known Languages: English, Hindi and Marathi

Permanent Address: NO - 22,MUKTABAI CHAWL,KESARINATH
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