Vivek choudhary

A highly passionate and hard-working individual looking for a responsible position to gain practical experience

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04 September, 1999 📅

EDUCATION

BCA
Manipal University Jaipur

12th - BBOSE
Correspondence

10th
Senior Shree Ram Model Public School

WORK EXPERIENCE

Software developer
Technoviz Automation

07/2022 - Present   *gurugram*

Achievements/Tasks
- Coding in a Python environment involves creating an isolated space to write and run Python code, with specific libraries installed for your project, keeping it separate from your system's overall Python setup.
- Designed and implemented user-friendly web interfaces for controlling and monitoring industrial automation processes.
- Integrated Django backend with MySQL database for efficient data storage and retrieval.
- Utilized PyModbusTCP library to establish communication between automation software and industrial devices.

SKILLS

Python   Django   Flask   ORM   Postgres

Rest Framework   C   HTML   CSS   Git

Postman   Interpersonal skills   MS-Office

Mongo DB   Team work

PROJECTS

OEE (08/2023 - Present)
- As a full-stack developer, I created a Python application that communicates with a PLC to gather data from the user's machine shift-wise and displays the OEE (Overall Equipment Effectiveness) of the machine. It also features live OEE monitoring. Additionally, there's a downtime analysis feature that identifies the root cause of downtime.

Controlling system (05/2022 - Present)
- I developed a Python application that communicates with various PLCs to control systems such as lighting control, motor control, and more. Users can monitor the running status and generate reports for download.

EMS (12/2022 - Present)
- Developed a Python application to monitor and report real-time machine performance within an industrial setting. The application provides live updates on machine status, including current operation, RPM (Revolutions Per Minute), and kWh (Kilowatt-hour) consumption. Leveraged data visualization techniques to present information intuitively, aiding in quick decision-making and efficient resource management. Implemented reporting features to analyze energy consumption trends over time, enabling proactive measures for optimization.

CERTIFICATES

Python Advance (08/2021 - 12/2021)
Learning Advance Python For Improving my Skills

LANGUAGES

Hindi
Full Professional Proficiency

English
Full Professional Proficiency

INTERESTS

Volleyball   Movies   Travelling