

Pulkit Sharma

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Professional Summary

Motivated and skilled IT Engineer with over 1.6 years of experience in database management, including backup/restore, user access, and container deployment. Recently, I've expanded my expertise in Data Science and AI/ML technologies, focusing on Python and machine learning frameworks. Passionate about leveraging technology to create impactful solutions, I aim to drive innovation and solve complex problems through intelligent, scalable systems, supported by a robust IT engineering background.

Education

Greater Noida Institute of Technology, Greater Noida, India

Master of Computer Applications (MCA)
Percentage: 67% • Duration: July 2018 – June 2020

Marathwada Institute of Technology, Bulandshahr, India

Bachelor of Computer Applications (BCA)
Percentage: 63% • Duration: July 2015 – June 2018

Skills

Technical Skills:

- **Programming Languages & Tools:** Python, Java, SQL, Flask, Matplotlib, Seaborn, Scikit-learn
- **Data Analysis & Visualization:** NumPy, Pandas
- **Database & Infrastructure:** MySQL, MSSQL, Cloud Infrastructure

Soft Skills:

- Team Collaboration • Coordination • Accountability • Effective Communication
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Professional Experience

Indus Valley Partners, Noida, India

IT Engineer • October 2022 – March 2024

- Managed installation, configuration, backup, restoration, and optimization of databases such as MySQL and MSSQL, leading to a 25% improvement in query response times.

- Collaborated with development and operations teams to streamline CI/CD processes, enhancing automation and deployment lifecycles.
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Projects

Vision – Automating RDP

- Developed a Python-based tool using PyAutoGUI to automate Remote Desktop Protocol (RDP) connections, improving efficiency and task management.

Flask-Based Web Application

- Built a user registration and login system integrated with Named Entity Recognition (NER) functionality using Flask.

Flight SQL Analytics Dashboard

- Created an interactive dashboard using Streamlit for flight data analysis, featuring airline distribution, busy airport statistics, and daily flight frequency visualizations.

Technologies: Plotly, SQL

Webcam Capture with OpenCV

- Designed a real-time webcam capture system with features such as video streaming, image capturing, and facial recognition using Python and OpenCV.
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Certifications & Courses

- **Data Structures and Algorithms using Java**
Coding Blocks | Noida, India | January 2019
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Additional Profiles

- **Portfolio:**
- **LeetCode:** <https://leetcode.com/u/BrahminPulkit/>