

MUSKAN PATHAN

Artificial Intelligence and Data Science Student

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Linkedin | **GitHub** | **Portfolio** | **HackerRank**

EDUCATION

SPPU

Bachelor's Artificial Intelligence and Data Science Student
CGPA: 8.50

Pune, India
2021 - 2024

MSBTE

Diploma Information Technology
Percentage: 94.38%

Pune, India
2021

CBSE

10th Boards Secondary Education
Percentage: 80%

Pune, India
2018

CAREER OBJECTIVE

- "As a beginner in AI and DS field, my objective is to apply analytical and machine learning skills to drive data-driven decision-making. I'm passionate about solving complex problems, developing predictive models, and contributing to AI's advancement. Seeking dynamic, collaborative roles to make a positive impact on innovative projects."

EXPERIENCE

IBM SkillsBuild | Intern

Remote, India | July 28, 2022 - October 18, 2022

- Week 1: Identified a real-world Problem Statement
- Week 2: Solution Development
- Week 3: Solution Design
- Week 4: Final Project Submission and Presentation

SKILLS

Programming Languages: C, C++, Python, HTML and CSS, JS
Tools / Platforms: Github, JIRA, PowerBI
Databases: Mysql, Oracle

PROJECTS / OPEN-SOURCE

BLACK-FRIDAY-SALES-PREDICTION | Link

Python, NumPy, Scikit-Learn, Jupyter notebook

- Develop accurate sales prediction models for Black Friday using machine learning algorithms.
- Provide insights into the factors that influence Black Friday sales, such as product categories, discounts, customer demographics, and more.
- Enable the company to optimize pricing, marketing, and inventory management strategies based on predictive analytics.

AUTOMATED MEDIA PLAYER USING COMPUTER VISION | Link

Python, Mediapipe, OpenCV

- In this project one can control any media player such as YouTube or vlc by using **hand gestures**
- For example if you raise following fingers :
1 for forward, 2 for backward, 3 for volume up, 4 for volume down, 5 for pause or unpause the video

GREENHOUSE MANAGEMENT SYSTEM USING IoT | Link

Node.js, C

- Created physical model with a smart and sustainable environment for greenhouse.
- Through this approach, farmers get benefited by automatic monitoring and optimal control of the greenhouse environment with minimal human intervention.

CERTIFICATIONS

- Data Analysis with Python - **IBM Cognitive Class**
- Machine Learning with Python (ML0101EN, provided by IBM) - **IBM Cognitive Class**
- Programming foundations with Javascript , HTML and CSS - **Duke University(Coursera)**
- Python for Data Science - **IBM Cognitive Class**
- Introduction to Software Product Management - **University of Alberta (Coursera)**

HONORS & AWARDS

- Won "1st Prize in Podcast competition" at VPKBIET-2023
- "Literature Club Head", [VPKBIET], -2023
- "Ink & Echoes: Poetic Reveries" Ebook on Amazon
- "Cultural head and Departmental Representative", VPKBIET,-2022
- Won 1st Prize in Paper Presentation" -2020
- Won "2nd Prize in Quiz Competition" -2019
- Won "2nd Prize in Extempore"-2019