ARPIT SINGH

• Analytically driven aspiring analyst with a strong foundation in Python, data analysis, and automation, eager to apply problem-solving skills and technical expertise in a dynamic environment.

PERSONAL DETAILS

Phone	8279896190
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Linkedin	https://www.linkedin.com/in/arpit-singh-790686234/

TECHNICAL SKILLS

Programming:	Python, C, Java
Database:	MySQL, MongoDB
DataAnalysis:	NumPy, Pandas, Matplotlib, Power BI
DataScience:	NLP, Standard ML Algorithms (Regression, Classification, Clustering)
DeveloperStack:	HTML, CSS, JavaScript, ReactJs
DeveloperTools:	VS Code, Git(Version Control), Jupyter Notebook, AWS

WORK EXPERIENCE

Remote Internship APRIL-MAY, 2022

InsideSherpa (Microsoft)

- Made an image Comparison System, which show how much percent image are matching.
- Tech stack used: Python, Pycharm, Python anywhere.

PROJECTS

• Image Forgery and Tampering Detection Using ELA and Deep Learning — Python, OpenCV, Keras, Matplotlib, NumPy

*- Developed a deep learning-based approach to detect copy move and splicing forgeries in digital images. Implemented **Error Level Analysis (ELA)** to highlight inconsistencies in texture, lighting, and noise, followed by a fine-tuned **CNN model** for classification.*
-As a result we obtained 98.68 per-cent accuracy.

•Customer Segmentation Using Clustering — *Python, Pandas, SQL, Matplotlib*

- Analyzed 500+ customer profiles from a retail data set to uncover spending patterns and demographics.

- Enabled targeted marketing strategy recommendations that can potentially improve campaign ROI by 25% based on segment profiles.

• Spam Email/Message Classifier — Python, Pycharm, NLP

- Built an Interface which check email/messages as they are spam or not. By using the Machine Learning Technique.

•AI Powered Telegram Doubt Solving Chatbot — Python, Pycharm, OpenAI, Python Anywhere

- Developed a Telegram chatbot integrated with OpenAI API to provide real-time assistance with doubt resolution for users.

- Seamless integration with Telegram for a user-friendly interface and real-time interaction. Enhanced user engagement and learning efficiency by providing instant support.

• Disease Predicting Chatbot — Python, Jupyter Notebook, HTML, CSS

- Developed a disease prediction chatbot using Python, HTML, CSS, and Jupyter Notebook, incorporating machine learning algorithms to provide health insights based on user symptoms.

EDUCATION

Galgotia College of Engineering and Technology 2021-2025
BTech (Computer Science and Engineering) [PURSUING]

Kendriya Vidyalaya Sikh Lines Meerut Cantt 2020-2021
XII (PCM with computer science) Cum Per: 92.2%

Kendriya Vidyalaya Sikh Lines Meerut Cantt 2018-2019
X Cum Per: 90.8%

ACHIEVEMENTS

• Finalist in the Tech-a-thon 2023. • (5☆ Coder Python, 5☆ SQL, 5☆ Problem Solving) on HackerRank. • Completed AWS Cloud Practitioner Essentials Certification Program.