

SUHAIB MUKHTAR

Shaheed Bhagat Singh Nagar, Ludhiana, Punjab, India 141013

+91-6005709811 [Email](#) [Linkedin](#) [Github](#) [Portfolio](#)

Education

Bachelor Of Technology in Computer Science

University Of Kashmir

Sep. 2019 – Nov 2023

CGPA: 8.14

GBHS Hazratbal Srinagar

Higher Secondary

Jan. 2018 – Jan 2019

Percentage: 72.00

Experience

Education Culture Pvt Ltd

Python Developer

April 2024 – Present

Ludhiana, Punjab

- Development and deployment of machine learning technologies for a financial services client, resulting in the adoption of a new algorithm that improved fraud detection rates by 10%.
- Collaborated with a team of experts to design and implement a natural language processing (NLP) model for a client, achieving a 13% increase in sentiment analysis accuracy and a 3% reduction in processing time.

IIT Delhi

Junior Research Fellow

March 2024 – April 2024

New Delhi, Delhi

- Conducted data cleaning and utilized dimensionality reduction techniques, to eliminate and reduce unwanted features from the dataset, improved data quality and accuracy by 7%.

IIT Delhi

AI-ML Intern

Nov 2023 – Feb 2024

New Delhi, Delhi

- Led the development of slip detection initiatives and applied haptic signals for object shape discernment using neural networks. Implemented the Slip detection algorithm on edge-computing device improved the accuracy by 18%.
- Led a team of two interns for designing/developing package of APIs for integrating threading-based control of robots with ROS backbone via using 5G Test-bed.

Projects

Customer Churn Analysis [\[Link\]](#) | RFM Analysis, Clustering, Tableau

March 2024

- Performed customer churn analysis and clustering using RFM analysis in Tableau.
- Helped the client identify customer segments at risk, provided recommendations for discounts, and identified champion groups.
- Enabled the client to target specific customer groups to improve retention and increase revenue.

ML-Multiclassification End To End Web App [\[Link\]](#) | Python, ML, Pipelines, Flask, Front-End, AWS February 2024

- Implemented Logistic Regression and Support Vector Machine (SVM) algorithms, for multi-class classification.
- Utilized Python and Flask Framework To Develop Web App For Automation.
- Utilized the ML Pipeline for chaining Multiple steps Deployed the App on AWS EC2 instance.

Human Activity Recognition System [\[Link\]](#) | Machine Learning, Feature Selection, Python, Statistics October 2023

- This project is to build a model that predicts the human activities such as Walking, Walking-Upstairs, Walking-Downstairs, Sitting, Standing and Laying.
- Utilized Feature selection Techniques such as Variance Threshold, Correlation, Anova, Forward feature selection.
- Model optimization, achieving high accuracy of 95% in Human activity Recognition by using Algorithms such as Logistic Regression, SVM etc.

Drug Review Sentiment Analysis [\[Link\]](#) | DL, NLP, Neural-Networks, Data-Balancing, Data-cleaning

June 2023

- Performed data cleaning and Text-representation on Two datasets of sizes 162,000 and 360,000.
- Addressed issues of imbalanced datasets, and conducted multi-class classification of Reviews.
- Achieved an accuracy of 89% by using: LSTM, Bi-LSTM, LSTM+GRU, BERT.
- Automated customer feedback analysis, Brand Monitoring, Social Media Analytics, and medication improvements.

Technical Skills

Languages: Python, C, C++, HTML/CSS, SQL, R.

Developer Tools: VS Code, Pycharm, Anaconda, SQL-Server, Mysql WorkBench, A30-Gpu-Server, PowerBI, Excel, Sas Viya.

Technologies/Frameworks: Windows, Ubuntu, GitHub, Netlify, Git, Api, Web-Scraping, Flask, AWS, ML Pipelines, Django