

# ANUJ BAGHEL

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## SUMMARY

Experienced Data Scientist proficient in Python programming and machine learning, skilled in model optimization, data cleaning, feature engineering, and technical communication.

## PROJECTS

- **Healthcare provider claim fraud detection**
- Detected healthcare claim fraud with high accuracy using EDA, feature engineering, and sampling techniques.
- Automated fraudulent claim identification, improving efficiency for healthcare providers and demonstrating my expertise in ML algorithms and feature engineering.

## MICROSOFT MALWARE DETECTION

- Reduced log loss by 7% for Microsoft malware detection through feature engineering and multithreading techniques.
- Demonstrated expertise in machine learning algorithms and feature engineering by improving accuracy with ASM unigrams and image features, showcasing ability to handle large datasets and optimize performance.

## FACEBOOK FRIEND RECOMMENDATION

- Developed Facebook friend recommendation system using advanced techniques and artificial features.
- Optimized the model using Adar index and feature selection.
- Achieved 99.6% accuracy on training set using XGBoost through hyperparameter tuning and feature optimization.

## FUTURE PROJECTS

- working on Detecting Pediatric Acute Lymphoblastic Leukemia using Computer Vision with omdena
- currently also working on Retail product review summarization problem

## CONTACTS

- linkedin : <https://www.linkedin.com/in/anuj-baghel-441518191/>
- Github : Github at <https://github.com/bagh2>
- medium : <https://medium.com/@anujbagh300>

## SKILLS

- **Data science /Machine learning /deep learning**
- Python, Data mining, Data visualization, Supervised ml algo , unsupervised ml algo, recommended system, NLP, ANN, MLP, RNN, back-propagation , Feature engineering, Feature scaling, hyperparameter tuning etc.
- **Mathematics for ML and DI**
- Linear algebra, Probability and statistics , Calculus , Matrices.
- **Python Packages and Frameworks**
- Scikit-learn, Tensorflow, keras, Cloud vision api, Numpy, Pandas, Scipy, Beautiful soup, Regex , Xgboost
- **Programming Languages**
- Python , Mysql
- **Databases**
- Mysql and mongodb
- **Cloud development and containers**
- Flask, Streamlit , Heroku , Amazon Sagemaker

## EDUCATION AND TRAINING

06/2022  
**Bachelor Of Science, IT**  
**University Of Mumbai, Mumbai**

## EXPERIENCE

**Customer Service Representative,**  
 11/2019 - 07/2022

**Healthindia Insurance Service**  
**Private Limited - Mumbai, India**