

# GUHAN M

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 Chennai, Tamil Nadu, India

## Professional Summary

Motivated and adaptable B.Sc. Computer Science graduate with strong interpersonal skills and a keen interest in Information Technology. Eager to begin a rewarding career in data science or IT, bringing a foundation in data analytics, Python programming, and machine learning.

## Education

Bachelor of Science in Computer Science

Muthayammal Memorial College of Arts and Science, Tamil Nadu

Graduation Year: 2024

## Technical Skills

- Programming: Python, HTML
- Data Analytics: Python, Pandas, NumPy,
- Tools & Software: VS-Code, Jupyter Notebook, Excel
- Databases: MySQL
- Web Scraping: BeautifulSoup, Requests
- Libraries: Matplotlib, Seaborn, SciPy, Scikit-learn, NLP, XGBoost, MLxtend

## Projects

### • Video Games Data Scraping – RAWG.io

Developed a web scraping pipeline to extract detailed video game data from RAWG.io, including game names, ratings, platforms, genres, release dates, developers, and more. Implemented HTML parsing with BeautifulSoup and request handling with retry logic to ensure robustness. Collected and exported structured data into CSV, Excel, and JSON formats for analysis and reporting.

Tools: Python, BeautifulSoup, Requests, Pandas, Jupyter Notebook

### • Loan Approval Prediction using Machine Learning

Built a machine learning pipeline to predict loan approval outcomes based on applicant data. Performed extensive data cleaning, feature encoding, and exploratory data analysis (EDA) to uncover trends in approval rates. Trained and evaluated multiple classification models including K-Nearest Neighbors, Random Forest, SVM, and Logistic Regression. Achieved high accuracy scores and visualized model performance. Stored classified data into MySQL tables (approved\_loans, rejected\_loans) and queried records for reporting.

Tools: Python, Pandas, Matplotlib, Seaborn, scikit-learn, MySQL

## Declaration

I hereby declare that the above information is true to the best of my knowledge.

Place: Chennai

Date:

Signature:

(Guhan M)