

# ABDULLAH AMJAD

## Data Scientist

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🌐 [abdricher.github.io/My\\_portfolio-website](https://abdricher.github.io/My_portfolio-website)

## INTRODUCTION

A passionate BS Computer Science student at the **University of Management and Technology (UMT) Lahore**, with a strong foundation in **machine learning, data analysis, and web development**. Proficient in **Python and C++**, with hands-on experience in database management and query optimization.

## LOOKING FOR

Eager to secure an internship or entry-level role in the field of data science to apply my skills in analytics and machine learning while contributing to real-world projects. **(Currently in 7<sup>th</sup> Semester)**

## EXPERIENCE

### Web Developer Intern

#### CodSoft

📅 Jan 2024    📍 Remote

- Gained practical experience in web development and frontend technologies.

### Web Developer Intern

#### IPS Technologies

📅 May 2025    📍 On-Site

- Worked on real-world projects using the **MERN Stack** and contributed to AI-based features.
- Acquired skills in full-stack development and machine learning applications.

## ADDITIONAL

- Developed a healthcare AI-based website during internship using the MERN Stack.
- Completed client-based projects in the MERN Stack.
- Worked on AI-based Retrieval-Augmented Generation (RAG) systems and machine learning models.

## EDUCATION

### Bachelor's in Computer Science

#### University of Management and Technology (UMT)

📅 Nov 2022 – Nov 2026    📍 Lahore, Pakistan

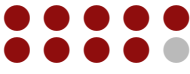
**CGPA: 3.87**

## SKILLS

- **Programming:** C++, Java, Python, HTML, CSS, JavaScript, MERN Stack
- **Data Science:** Machine Learning, Data Visualization, Data Analysis
- **Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, React, Next.js, Node.js, MongoDB, React Native
- **Tools:** SQL, Excel, Jupyter Notebook, VS Code

## LANGUAGES

Urdu  
English



## PROJECTS

### Emotion Detector from Text

#### Natural Language Processing

- Applied text preprocessing and cleaning techniques.
- Used TF-IDF vectorization for feature extraction.
- Trained an Extra Trees Classification model to predict emotions like *Sad, Joy, Love, Anger, Fear*.

### Movie Recommendation System

#### Machine Learning

- Performed in-depth exploratory data analysis (EDA).
- Built a correlation matrix to identify content similarities.
- Implemented collaborative filtering algorithms for personalized recommendations.

### Credit Card Fraud Detection

#### Machine Learning

- Conducted data preprocessing and EDA.
- Implemented a Decision Tree Classification model.
- Detected anomalies based on transaction patterns and behavior.

### Netflix Clone

#### Web Development

- Developed a responsive clone using HTML, CSS, and JavaScript.
- Designed an interactive homepage with dynamic movie listings.
- Added hover effects and video previews to mimic the original UI.

### Spotify Clone (In Progress)

#### Web Development

- Built a custom music player to read local audio files.
- Implemented playback features: play, pause, next, previous.
- Designed a modern UI inspired by Spotify with volume control and progress tracking.
- **Planned features:** Album covers, metadata display, playlist management.
- *Status: Currently in development*