

# UZAIR HUSSAIN

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## EDUCATION

### Bachelors of Engineering in Software Engineering

Nov 2021 - Present

Mehran University of Engineering and Technology, Jamshoro

- Working on a project that utilizes machine learning techniques for predictive modeling and team recommendations. Focused on data preprocessing, feature engineering, and analyzing patterns in complex datasets.
- Relevant Courses: Data Structures & Algorithms, Linear Algebra & Analytical Geometry, Data Warehouse, Statistics & Probability, Agent Based Intelligent Systems, Data Science & Analytics, SQE

## SKILLS AND EXPERTISE

**Technical Skills:** Python, C++, Java, SQL, Pandas, NumPy, Matplotlib, Beautiful Soup, Selenium, Scikit-learn, AWS, Docker, GEN-AI, LLM, ETL, StreamLit, Flask, Version Control (Git), GitHub, Web Design, Shopify, and E-commerce Development.

**Data Science Expertise:** Data Scraping, Data Engineering, Predictive Modeling, Statistical Analysis, Data Wrangling, Feature Engineering, NILD, GenAI Apps, Machine Learning Algorithms, and Data Storytelling.

**Soft Skills:** Team Leadership, Effective Communication & Presentation, Project Management, and Cross-functional Collaboration

## PROFESSIONAL EXPERIENCE

### AUC Technologies

May 2025 - July 2025

*Data Science Intern*

- Built and optimized data analysis workflows, applying Python and machine learning techniques to generate predictive insights that supported business decision-making.
- Collaborated with cross-functional teams to adapt models and solutions to evolving project requirements, ensuring accuracy and scalability.
- Contributed to the development of data science systems by implementing preprocessing pipelines, feature engineering, and evaluation methods that improved model performance.

### RentPayy - Internship


Sep 2022 - Feb 2023

*Chief Marketing Officer*

- Led strategic digital initiatives that streamlined processes and improved overall efficiency.
- Directed and executed digital marketing efforts to strengthen online presence and drive engagement.
- Applied data-driven insights to optimize campaigns, contributing to stronger returns.

## PROJECTS

**Cricket Match Outcome and Team Recommendation System** – Designed a machine learning solution to predict match outcomes and recommend optimal team compositions using historical cricket data. Implemented data preprocessing, feature engineering, and multiple predictive models, analyzing player and team dynamics to generate actionable insights.

**Healthcare Insurance Cost Predictor** – Built a machine learning model in Python to predict insurance costs using regression techniques. Evaluated performance with metrics like MAE and  $R^2$ , and visualized results with Matplotlib and Seaborn. [GitHub Repo](#) 

## CERTIFICATIONS

- IBM Data Science - Professional Career Certificate. [[Coursera, May 2025](#)]
- Supervised Machine Learning: Regression and Classification. [[Coursera, Dec 2024](#)]
- Data Analysis with Python: Zero to Pandas. [[Coursera, July 2024](#)]