

# UZAIR HUSSAIN

Hyderabad, Pakistan | +92 330 3869131 | [uzairhussain193@gmail.com](mailto:uzairhussain193@gmail.com) | <https://linkedin.com/in/uzairhussain1/>

## 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,

## SKILLS AND EXPERTISE

**Technical Skills:** Python, C++, Java, Pandas, NumPy, Matplotlib, Azure, AWS, GCP, SQL, Machine Learning, Data Visualization, Version Control (Git), WordPress, Shopify, and E-commerce Development.

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

**Soft Skills:** Team Leadership, Effective Communication & Presentation, Resource Management, and Collaboration.

## PROFESSIONAL EXPERIENCE

### RentPayy - Internship

Sep 2022 - Feb 2023

Chief Marketing Officer

- Led strategic digital initiatives, improving efficiency by 20% & reducing customer acquisition costs by 15%.
- Directed digital marketing efforts, resulting in a 30% increase in online engagement.
- Utilized data-driven insights to optimize marketing campaigns, enhancing ROI by 20%.

## PROJECTS

**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](#)

**Student Performance Indicator** – Built a machine learning model to predict student performance, optimizing data analysis and preprocessing steps to improve accuracy. Deployed the solution using Flask, enabling actionable insights for educators and institutions. [GitHub Repo](#)

**Earthquake Data Structure Project** - Built a Java program using custom stacks, queues, and linked lists to analyze earthquake data by magnitude, date, and location, identifying high-risk countries and recent seismic trends. [GitHub Repo](#)

## CERTIFICATIONS

- IBM Data Science - Professional Career Certificate. [\[Check Credentials\]](#)
- Supervised Machine Learning: Regression and Classification. [\[Check Credentials\]](#)
- Data Analysis with Python: Zero to Pandas. [\[Check Credentials\]](#)

## EXTRA CURRICULAR ACTIVITIES

- Organized workshops and networking opportunities as part of the Microsoft Learn Student Ambassador program, enhancing community engagement and technical skills.
- Secured sponsorships and executed social media campaigns to promote tech events and community awareness for the Google Developer Student Club and Departmental Society.