





MUHAMMAD ISHAQUE

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Technical Experience

- **Coding Fellow at Murabbi NUST** October 2024 – Present
 - *Conducted interactive lessons on coding, AI, and robotics, simplifying complex concepts for primary-level underprivileged students in federal schools of Islamabad.
 - * Designed and implemented engaging STEM-based projects, fostering creativity and critical thinking in students while introducing foundational programming and AI principles.
 - * Mentored students from diverse backgrounds, promoting inclusivity and equipping them with skills to explore technology-driven opportunities.
- **Machine Learning Engineer at Anchan Technologies** March 2023 – August 2024
 - * Designed and implemented machine learning algorithms to develop predictive models.
 - * Processed, cleaned, and visualized large datasets using Python and associated tools.
 - * Followed a comprehensive Machine Learning and Deep Learning roadmap to strengthen expertise in the field.
 - *Develop and maintain RESTful APIs for machine learning models
- **Machine Learning Intern at VisionBotix** September 2022- January 2023
 - * Object Detection and Tracking: Developed object position detection.
 - * Ballistic trajectory prediction algorithms.
 - * Enhanced object detection through precise camera calibration.
- **Product Support Associate at FlowTrack.co** March 2019 – August 2022

Try to understand the client's issue and resolve it, Technical Support, Customer Support and Customer Service Operations

Projects

- **Heart disease prediction Using ML techniques**

Applied multiple classifiers, with XGBoost achieving the highest accuracy of 66% using the UCI dataset of 14 key attributes. [link](#)
- **Rice Disease Classification using Convolutional Neural Networks (CNN) with TensorFlow (TF)**

Enhanced model accuracy to 83% through data augmentation and hyperparameter tuning. [link](#)
- **PIA Passenger Sentiment Analysis using VADER**

Using the Valence Aware Dictionary and Sentiment Reasoner (VADER) tool got 15.3% positive, 11.0% negative and 73.6% neutral reviews. [link](#)
- **Predicting Bank Customer Churn using Extreme Gradient Boosting Classifier (XGB)**

Used Extreme Gradient Boosting Classifier got Accuracy Score 86.78%. [link](#)

Education

- **Bachelors of Science in Information Technology**, Mirpur University of Science & Technology, Mirpur, Pakistan CGPA: 2.8/4.0

Skills

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|------------------------|---|--|
| Programming/frameworks | ■ | * Python, * Machine learning: Scikit Learn, TensorFlow, PyTorch, Keras * EDA: Pandas, Numpy, Scipy * Data Visualization: Matplotlib, Seaborn, Plotly ; Scratch |
| Soft Skills | ■ | Exhibited Effective Communication and Collaborative Teamwork in cross-functional projects, while demonstrating Leadership in guiding and mentoring team members. |

Certification

- **PCAP – Certified Associate in Python Programming**. Awarded by openEdge[PCAP-31-03]
- **Google Data Analytics Professional Certificate** by Coursera.[X8TACLSKKSXU]
- **Six months of AI and Data Science Mentorship Program** by codanics