

IQRA TABASSUM

[LinkedIn](#) | [+92 3054006638](#) | [IQra Tabassum](#) | [GitHub](#)

Skills

- C++ | NET | HTML | CSS | JavaScript | ThreeJS| C++ | C | | MYSQL | Node | ReactJS | GitHub |Python (Panda /Numpy/ Matplotlib/pytorch)/ Artificial Intelligence| Machine Learning| Deep Learning
- Cloud Computing | Unit Testing | OOP | Game Development | Scratch | Latex | Linux | Tensorflow | Distributed Systems | Frontend| Backend | Databases | Accounting
- Korean(30%) | English, Urdu- professional proficiency

Education

Bachelor of Science [UET](#) *Lahore, Pakistan* **10/2018 - 11/2022**

BS in Computer Science Courses

- MAD-Mobile App Development
- W T-Web Technologies
- CVIP-Computer Vision and Image processing
- Artificial Intelligence (AI)
- Databases System
- Machine Learning(ML)
- Data Structures and Algorithms
- Compiler Construction

Master in Computer Science and Engineering [SunMoon](#) *Asan, South Korea* **03/2024 - 02/2026**

- Fintech
- Blockchain
- Special Topics in Web Services
- Advanced Topics in Information and Data Management
- Research Ethics and Thesis Writing
- Special Topics in Reinforcement Learning
- Advanced decision-making systems

Experience

Research Assistant [Lab Prof.](#) *Asan, South Korea* **03/2024 - 02-2026**

- Developed Real-time anomaly detection system using wearable sensor data for early clinical risk monitoring.
- Built and evaluated unsupervised ML/DL models for time-series anomaly detection(Isolation Forest, OC_SVM,DSVDD, LSTM, AE).
- Published in [KICS \(2026, Scopus-indexed\)](#); funded by Korea Health Technology R&D Project (KHIDI), Ministry of Health & Welfare, Republic of Korea

Software Engineer [NetSol](#) *Lahore, Pakistan* **07/2022 - 02-2024**

- Led the design and development of multiple applications of worth, driving \$112 billion of revenue using the latest technologies of , C#, .NET, Python, MySQL, JAVA..
- Implemented databases and accounting of live mega Projects of Australia, South Korea and Taiwan, US, Malaysia parties using .net, python and Mysql
- Led the development of several products E2E, from identifying system requirements and partner dependencies to workload balancing, software implementation, engineering, testing, and configuring metrics, alarms, monitors, and dashboards.
- Continuous Integration/Deployment Pipeline Integration, pull requests, code reviews, load/stress testing, unit/integration/e2e testing

Teaching *Layyah, Pakistan* **2021**

- Worked as a Computer and Math teacher in a **private Sector** (during Covid)

Tangjeong, South Korea **2024(May-Sep)**

- Worked as an English teacher in **SAMSUNG ENGLISH ACADEMY**

Baebang, South Korea **2025(Jan-July)**

- Worked as an English language Assistant in **더상승영어학원 ACADEMY**

Tangjeong, South Korea **2025(Sep)-2026(Feb)**

- Worked as an English teacher in **Premium L ACADEMY**

Remote Web Developer Intern **7/ 2021-8/2021**

- Designed and implemented e-commerce platforms (Clothing),
- **Reported directly to CEO:** Practice developing a website using Javascript, HTML,CSS

- **Basic Tools** : Microsoft word | Powerpoint | Excel | Access | Adobe Photoshop

Projects

- **Anomaly-detection system**: Built a modular anomaly detection platform with Streamlit UI, implementing multiple ML/DL models, evaluation pipelines, and ensemble methods. ([GitHub](#))

Tech: Python, Scikit-learn, TensorFlow/PyTorch, Pandas, Streamlit

- **E-PLANNER** : Web Based 2D and 3D Home Designing — Final Year Project

A website for interior and exterior designing for different buildings using React JS, HTML, JS and CSS and Firebase on backend

- **GAME** : Designed and developed a game Using Scratch
- **CRIME REPORT** : Designed and developed a web Application for online reporting crime to the police using WordPress
- **MUSIC PLAYER** : A music player developed in JAVA for MAD(Mobile Application Development) Course.
- **TIC TAC TOE** : A tic tac toe game developed using C++ for Programming Fundamentals.
- **ML PROJECT**: Classification and prediction algorithms using naive bayes, KMeans (python)

- **Internet of Things**:

E-commerce website: Frontend of a wrist watch shop website of different brands using HTML CSS and Java Script for frontend and python for the backend.

- **LMS** : An application Learning Management System for managing a university's learning system.

Others

- **Volunteer work**: Managed team operations as a volunteer at a Pakistan Independence Day event in South Korea, ensuring smooth coordination and execution.
- **Award** : Participated and won in different games at Campus Run University Game festival(UET).
- **Udemy Certificate**: HTML| CSS | JavaScript | React js