

# Qurat ul Ain

## Computer Scientist

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## Educational Background

- **Bachelor of Science Computer Science**  
FAST - NUCES, Islamabad  
08/2019 - 06/2023
- **Higher Secondary School Certificate**  
Fauji Foundation College  
08/2017 - 06/2019
- **Secondary School Certificate**  
Presentation Convent High School  
08/2006 - 06/2017

## Skills

- Web Development
- Problem Solving
- React JS
- JavaScript
- MongoDB
- MySQL
- Logic Building
- NodeJS
- Python
- HTML
- CSS
- C/C++
- PHP
- Good communicator

## Tools Expertise

- Visual Studio Code
- Github Tools
- Devops Tools
- Android Studio
- Eclipse
- Firebase
- Jupyter Notebook
- MongoDB
- SQLite

## Frameworks

- OpenCV
- Mplotlib
- Pytorch
- Pandas
- Amazon Web Services (AWS)

## Certificates

Problem Solving by HackerRank  
SQL by HackerRank  
Fundamentals for Istio by Solo.io  
React by HackerRank

## About Me

Highly competent software developer with a degree in Computer Science from FAST. Proficient in diverse programming languages, software engineering principles, and logical problem-solving. Adaptable and quick to learn, with designing and implementing efficient, scalable solutions. Strong communication skills and a collaborative approach to achieving project objectives.

## Personal Projects

Out of Ten - Product Reviewing Ecosystem(Final Year Project)

- Using sentiment analysis techniques, products based review website that will visualize both general and aspect-based reviews on a product.
- Extract and process data from platforms like Amazon, Website, and YouTube.
- NLP, Machine Learning, Data Visualization techniques are used.
- Naive Bayes, SVM and BERT were the models trained on our dataset and BERT was selected final model for high accuracy.
- MERN, Python and Figma languages are used.

Data Integration into NoSQL Databases for Query Execution

- Extracting Kaggle dataset data using Python and inserting it into MongoDB, DynamoDB, and Google's NoSQL database.
- Python for MongoDB and Node.js ensuring scalability for DynamoDB and Google database queries were executed to retrieve and process the data.

Image Quilting & Texture Transfer - Image Processing Desktop App

- Digital Image processing features studied in course were applied.
- Merging image patches to create new visuals, maintaining original appearances, and integrating texture attributes for a distinct outcome.
- Python and PyQt are the languages used.

Musify - Music & Chat Android Application

- Android application to provide both music features as well as chat and calling features with other contacts.
- Java, PHP and MySQL are the languages used.

## Professional Experience

Software Marketing Analyst - New Alpha General Transport  
07/2023 – 10/2023

Key responsibilities:

- Evaluated and aligned website features for effective marketing.
- Led SEO efforts to boost software website visibility.
- Incorporated user feedback for ongoing website enhancements.

TAship of Fundamentals of Software Project Management  
01/2023 – 05/2023

Key responsibilities:

- Evaluate student assessments based on predefined rubrics.
- Provide feedback and assist students to support their learning.
- Maintain consistency in grading and ensure fairness in evaluation.
- Maintain folder for scores to identify student performance trends.

Information Coordination member - Cyber Space Legion  
12/2021 – 06/2022

Key responsibilities:

- A team worked together to plan cybersecurity-related events.
- Actively took part in meetings to spread cybersecurity awareness.
- Address queries and concerns of cybersecurity-related issues.