

LIAQAT ALI

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CAREER OBJECTIVE

Enthusiastic frontend developer and data engineer seeking a responsible career opportunity to learn and implement development skills while making a significant contribution to the success of the company.

TECHNICAL SKILLS

- Web Development
- Responsive Web Design
- SQL
- C++ and Python
- CSS and HTML
- Software Development
- Microsoft SQL Server
- AWS Cloud Computing
- JavaScript
- Front-End Development
- Data Engineering
- MySQL

SOFT SKILLS

- PROBLEM SOLVING
- COMMUNICATION
- TIME MANAGEMENT
- DECISION MAKING
- TEAM WORK
- PROJECT MANAGEMENT

COURSES AND GAINED SKILLS

- 1. Introduction to HTML and CSS (Free code camp learning)**
HTML and CSS complete course
- 2. C++ Programming Language (GIKI)**
Data types, loops and pointers, arrays, functions classes
- 3. ETL and Data Pipelines with Shell, Airflow and Kafka (IBM Coursera)**
Data processing techniques, ETL/ELT and building data pipelines using shell, airflow and kafka
- 4. SQL for Data Science (Coursera)**
Tables, views and stored procedures, filtering, sorting and grouping data, subqueries, joins and aggregate functions
- 5. Python (Kaggle)**
Functions, classes and external libraries
Lists, loops, strings and dictionaries
- 6. AWS Cloud Practitioner Essentials (Coursera)**
AWS cloud, cloud computing
S3, Redshift, Glue, EC2, RDS etc.

SEMESTER PROJECTS AND PORTFOLIOS

- 1. Website Design for Cafe**
Used HTML to design complete website for cafe
- 2. Bank Management System using C++**
Create, modify, terminate and list accounts, deposit and withdraw amount
- 3. Design and Analysis of COVID-19 Data using SQL**
Global distribution of cases, deaths, recovered continent and country wise extrema using SQL
- 4. Responsive Website Design**
Complete responsive website design for university using HTML, CSS and JavaScript
- 5. Global Population Exploration using SQL**
Continent and country wise population distribution population density, growth rate
- 6. Data Visualization using Tableau**
Used bar graph, charts, map and tabular visualization to visualize data

FINAL YEAR PROJECT

- a. Fabricated light, strong, and rigid carbon composite wing by hand-layup technique
- b. Energy harvested from the wing using piezoelectric material

EDUCATION

Bachelor of Science in Mechanical Engineering, GIKI Swabi (Pakistan) (2018-2022) CGPA:3.05
Intermediate Pre-Engineering, Quaid e Azam College Swabi (Pakistan) (2016-2018) Marks:88.36%

EXPERIENCE

Intern as Research Assistant GIKI, Swabi (2021)

ACHIEVEMENTS AND AWARDS

- a. First Position in ETEA 2018
- b. Fully funded merit-based scholarship for entire studies
- c. 19th Position in FSC BISE Mardan

ADDRESS

Abbot Road, Lahore, Pakistan