

Gohar Ali

Full Stack Developer

A self-motivated and skilled .Net Developer, ever-eager to learn and grow.

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Lahore

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WORK EXPERIENCE

BootCamp Trainee CureMD

10/2022 - Present Lahore
One of the leading software houses of Pakistan, working in healthcare domain.

Achievements/Tasks

- Developed a responsive front-end of an e-commerce website using JavaScript, JQuery, HTML and CSS.
- Developed complete back-end and front-end of a Library management system Web app using .NET Core, ADO.NET, AJAX and REST APIs.
- Utilized MS SQL Server for developing a relational database for the books and users record.

Design engineer Venturetronics (Powersoft19)

02/2021 - Present Lahore
A Research & Development facility of PS19, working directly with SmartWires USA for development of latest Power flow control technology.

Achievements/Tasks

- Product development and lifecycle management using various software like JIRA, Oracle Agile PLM, Smartsheet, SolidWorks, Ansys and MS Excel.
- Performing static and dynamic analysis for improvements and ensuring compliance with international standards.
- Preparing smart excel sheets for complex design calculations and explicit technical documentation.

Design Intern JF Labs

03/2018 - 09/2018 Lahore
A mechatronics based startup working on fertilizer spraying drones and other smart technologies.

Achievements/Tasks

- Wrote and executed efficient codes in Arduino IDE for controlling robotic arms and mobile robots.
- Prepared smart excel sheets for power, thrust and wing design calculations of fertilizer spraying drone.
- Skillfully mastered the SolidWorks software and prepared the CAD models of rickshaw engine.

EDUCATION

B.Sc. in Mechanical Engineering UET, Lahore

10/2016 - 08/2020 CGPA: 3.6/4.0

Courses

- Computing Fundamentals
- Numerical methods in Computing

SKILLS

REST APIs

.Net Core

MS SQL

JavaScript

Resilient

Conscientious

Leadership

Team work

C#

OOP

Data Structures

problem-solving

Analytical thinking

Detail-oriented

ACHIEVEMENTS

Chief Coordinator at American Society of Mechanical Engineers ASME UET

Secured 5 lac PKR sponsorship from Shiru's Kitchen

Runner up at SHE LOVES TECH competition

A+ grade in Computing Fundamentals (C++) subject

PERSONAL PROJECTS

Program for calculation of complex Matrix operations (06/2017)

- Used C++ to code a Console application that performs various operations on Matrices (transpose, determinant, multiplication, division, addition, and inverse).

Automatic T Shirt folding machine (10/2017)

- Used Arduino **programming**, sensors and dedication to deliver a machine beyond the teachers' expectations. (Best project Award)

CERTIFICATES

Introduction to Machine Learning by Duke University (08/2019)

Learned **machine learning** concepts like Logistic regression, Multilayer perceptron (MLP) and Convolutional neural networks.

SOCIAL WORK

The Alchemists (2018 - Present)

Board member of the welfare organization. Worked on fund raising, medical treatments, education, marriages, iftar and rashan drives.

INTERESTS

Technology

International affairs

Gymnastics