Muhammad Jawad

Software Engineer

Personal details

Muhammad Jawad

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May 22, 2000

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Skills

Research Article Writing

Technical Business Writing

Critical thinking

Collaborative

C++ programming

Python

Understanding of ML Algorithms

Networking on Cisco Packet Tracer

Client Side Web Development

HTML, CSS, Javascript

.Net Framwork

Windows Form Application

MERN Stack Development

Database Management

MS SQL Server

MS SQL, PostgreSQL

Android Application Development (Java)

Objective

Software development professional with a passion to learn and implement new technologies and a great eye for design and client expectations. Determined to develop quality software, fully satisfying clients. Possessing many skills, I want to enhance my experience in the field as a software engineer.

Experience

Teacher (Computer Science)	**Jun 2019 - Mar 2020**
TIMS ACADEMY, Lahore	
Desktop App Developer	**Jun 2020 - Apr 2021**
Self-Employed, Lahore	
Teacher (Computer Science)	**Nov 2020 - Nov 2021**
IDEAL ACADEMY OF COMPUTER SCIENCE, LAhore	
Teacher Assistant (.Net Framework)	**Oct 2021 - May 2022**
Lahore Garrison University, Lahore	
Software Engineer	**Jan 2022 - May 2022**
Mindstormerz Studio : Part-time, Lahore	
Home Tutor (C++)	**Jan 2022 - Present**
Divines Garden New Airport Road Lahore, Lahore	
Software Engineer (Web & Mobile App Developer)	**May 2022 - Oct 2022**
INGENDEV Tech Solutions : Part-time, Lahore	

Projects

Face Recognition using Clarifai Face Detection API
INGENDEV Tech Solutions, Lahore
Project Developed to Detect Faces in Picture using Clarifai Face Detection API.

Robo Friends
INGENDEV Tech Solutions, Lahore
Developed on ReactJS, crux of idea was showing info of robots with their images using random number, generated through Robo Hash API.

Final Year Project
Associated with Lahore Garrison University
Titled as "IOT based Housing Society Automation", the project was developed on a networking simulation tool i.e. cisco packet tracer. In addition to this an android app "TriS App" was developed: a society specific app focused to provide ease of doing business in society, connecting society businesses with residents and society management with residents and businesses.

Resort Android App
INGENDEV Tech Solutions, Lahore
An Android developed for the ease of booking tours and searching and contacting the Tour Guider.

Freight Movers LLC Web Project
Associated with INGENDEV
A static website developed for client hosted on hostinger with domain on hostinger with custom emails.

Git & Github

Languages

Punjabi (Native)

English (Conversational)

Urdu (Native)

Certificates

Robotics Course
May 2019

LEGO Workshop attendee
Jun 2019

Python Fundamentals Trainer
Apr 2020

NumPy Workshop Trainer
Jun 2020

FYP Showcase Certificate
Oct 2022

Highest GPA Award
Jun 2022

Achievements

1. FYP nominated for Final Year Project Showcase held in University.
2. FYP nominated for upcoming PHEC FYP Showcase at Flattie's Hotel on Nov 15 2022.
3. Lead a team that achieved the highest score in organizing workshops as part of Business Subject.

Link: www.freightmoversllc.us

An IOT based Housing Society Automation with Packet Tracer using VLSM Technique
Associated with LAHORE GARRISON UNIVERSITY
A research paper based on networking concept of VLSM (variable length subnet mask), in which core concept was how we can centeralize asset control of residential societies using iot devices like smart cities & smart homes.

Installment Shop Desktop Application
Self-Employed, Lahore
Desktop Application developed on .Net Framework, for an Installment shop owner that manages their stock, installments, payments and earnings records.

deServico Android App with Web Messenger
Associated with LAHORE GARRISON UNIVERSITY
A semester project as a single group member I developed an android app throgh which user can hire service provider. Both stakeholders can track each others location which was achieved using Google Map API. App was developed in Kotlin, Consist of a messenger through which both of the stakeholders can communicate with each other. In addition to this i developed a web messenger too that is integrated with the android app through firebase realtime database and for web Azure Hosting was used.

An Enhanced Median Based Round Robin Algorithm for CPU Scheduling with Context Switch Sorting
Associated with LAHORE GARRISON UNIVERSITY
A research based semester project of Operating System in which me with a group of 4 has to find out a variant of Round Robin Algorithm for CPU sceduling.

For More Projects you can check my linkedin profile.

Education

Software Engineering - Bachelor	**Sep 2018 - Oct 2022**
Lahore Garrison University, Lahore, Punjab	
CGPA:3.79	
FSc Pre Engineering - Intermediate	**Sep 2016 - Sep 2018**
Govt. Islamia College Civil Lines, Lahore, Punjab	
Marks: 75%	
Matriculation	**Apr 2014 - Jul 2016**
Govt. High School Shadbagh Lahore, Lahore, Punjab	
Marks: 91%	

References

References available upon request.