Soban Arshad
S/O Arshad Mehmood

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Objective

Seeking a challenging carrier by giving all my skills to my profession and waiting for an initiative role. And to associate with an organization which will require me to utilize my skills, abilities and experience in the field and give me a chance to update my knowledge and enhance my skills.

Education

QUALIFICATION	INSTITUTION	GPA/GRADE
MS Computer Science	COMSATS INSTITUTE OF INFORMATION TECHNOLOGY ATTOCK	3.20
BS Software Engineering	INTERNATIONAL ISLAMIC UNIVERSITY ISLAMABAD	A
HSSC/INTER	FAZAIA INTER COLLEGE MINHAS KAMRA ATTOCK	B
SSC/MATRIC	FAZAIA INTER COLLEGE MINHAS KAMRA ATTOCK	A

Projects (Internship at Vantebolli Corp.)

Inventory Management :

Web Base application using *java* in *intelliJ IDEA.* Designed the inventory module in their *GKHair* project using *Micro Services* with *Spring-Boot* technology. *PHPmyAdmin* database used in this project. Managed warehouse, items stock and multiple countries in the project.

Projects (MS Computer Sci.)

Customer Churn Prediction and Retention in Telecom industry (Thesis):

A hybrid model implementation in *intelliJ IDEA* with *Python* as coding language using Synthetic Minority Over-sampling Technique (*SMOTE*) and Particle Swarm Optimization (*PSO*) for removal of imbalance class issue and feature selection. In the Pre-Processing Stage data cleaning and normalization has been done on huge Orange dataset. With a greater *AUC* of 98.65% performance evaluation on final model.

Automation of Smart Home:

Web Base application using *ASP.Net* in Visual Studio 2013. Activity recognition was done using *Ontology* designed in *Protege* (version 5.2.0).in this project activity daily living are recognized by sensors or a manual provided pattern which will link the different instances that inter-relate with each other in a hierarchical way. *MS SQL Server* used for database.

Handwritten Text Recognition:

Desktop Base application developed in *MATLAB* (version 2016b). Which use to recognize the text by pattern matching with the training set using Machine Learning techniques. First converting the color image from RGB to Grey then recognize the character and store them in a text file showing what was written in the provided hand-written image.

Projects (BS Software Eng.)

Multiplayer 3D Hiking Game:

Desktop Base Multiplayer Game on *Unity3D* (version 5.2.2), modelling on *Blender* and networking on *UNET*. Coding in *C#, JavaScript.* A game in which multiple players on LAN can play with each other. Health, energy bars and timestamp is use for the winner/position announcement.

Automation of School:

Automation of Super Scholar School System in Shamsabad in *JSP, Java Servlets, HTML, CSS, Bootstrap3.0, JavaScript, Ajax* technology with *RESTfull* services. *PHPmyAdmin* database used in this project. This project has three modules Admin, Teacher and Student.

Admin can approve the admission of students i.e. add, delete, and update. Admin can also can deal with the billing of student.

Teacher can calculate marks and upload their results. Teacher can view student profile. He can also view his salary and profile.

Student can view his profile, grades and he can also request for admission in the school

Hostel Management System:

Hostel management system for IIUI in *Java*. *PHPmyAdmin* database used in this project. This project has two modules Admin and Student.

Admin can deal with the admission of students i.e. add, delete and update.

Student can request for admission, can look for available seats.

Hospital Management System:

Hospital management system in *Java. PHPmyAdmin* database used in this project. Administrator can view all the details of the hospital record. It is used to store details of patients who are admitted. It contains details of the patient who are came for checkups. It is used to calculate the bill of the patient. Patient can view his record for the hospital, can get lab reports and can see and print his bills

Airline Reservation System

It is in *C++* technology and customer can view bookings and can reserve his bookings. While admin can create flight schedule.

Paragraph Correction:

Paragraph correction in *Java* using *Apache Lucene* library. *PHPmyAdmin* database used in this project.

Scientific Calculator:

Scientific calculator was made in *C++* technology. It has the ability for basic arithmetic operation as well it has the ability to solve trigonometric equations.

Worldtemp Weather Website:

Web site design by using *HCI* protocols work is done on a template webpage and also created a prototype for *IOS* on *Proto.io.*

Job/Internship

Seeking for Job.

Engineering Software Skills

- IntelliJ Idea 2017.1
- Python
- Java backend Micro Services
- Spring, Spring-Boot
- PROTEGE 5.2.0 for ontology designing.
- MATLAB 2016b.
- Unity3D 5.2.2, Blender 2.76 for game development.
- Microsoft visual studio 2013 for Web and 2015 community used for C#, C++ and ASP.NET.
- Eclipse Mars used for JSP, SERVLETS, ANDRIOD, JAVA, JAVA SCRIPT, JQUERY, AJAX, HTML, CSS.
- NetBeans used for java.
- Oracle10G, PHPmyAdmin, Microsoft Sql Server, Microsoft Access Databases were used.
- EMACS, HOL and proof builder was used for formal methods.
- Modelio 3.1 used for UML diagrams.
- Notepad++ for HTML, CSS, Bootstrap3.0, JavaScript and Ajax.
- Dev. C++.
- Microsoft SQL server 2012.

- Microsoft Access.
- MS Office word, power point, excel etc.
- Microsoft Outlook.
- Software Project Management.
- Software Quality Assurance in NetBeans Junit testing etc.

Awards & Achievements

- Kangaroo Math competition position holder.
- HEC scholarship for MS in Computer Science.
- Best photography award in COMBITS'17.

Experience

- 3-years of Administration experience in Private Higher Secondary School.
- 3-years of teaching experience at Private Higher Secondary School.
- 3-months internship in vantebolli software house as a java backend software developer.
- Did projects on free Lansing.

Reference

Provided on demand.