Usman Aslam Malik

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Education

FAST – National University of Computer and Emerging Sciences, Islamabad.
Bachelor of Science (Computer Science)   **2017**

Major   Web Programming [C#, ASP.Net, Entity Framework, Angular 5, MVC], Software for Mobile Devices [Android], Enterprise information System [SAP], Introduction to SPM, Multi-Agent

Punjab Group of Colleges, Gujranwala   **2013**
F.Sc [Physics, Chemistry, Mathematics]

Quaid-e-Azam Division Public School & College, Gujranwala   **2011**
Matriculation [Physics, Chemistry, Mathematics]

Projects

IHeal: [Html5, Css3, Angular6, MongoDB, Node.js]
A web-based application using to maintain the patient history, video calling and give online prescriptions.

Obtain-Care: [Html5, Css3, Angular6, Node.js]
A web-based application using to maintain health insurance for the patients/users.

Job-Portal: [Html5, Css3, Angular6, Node.js]
A web-based application using to maintain jobs according to the user profile.

E-challan System:
A web-based application using to maintain users profile, records, challans.

Final Year Project: Virtual Well-Wisher [Html5, Css3, Angular5, MongoDB, Node.js]

A web-based application using for physiological Student to find out their problems by self-assess himself through different exercises and get recovery plans.

Semester Projects

QuizCompetitionDashboard [Html5,CSS3,Jquery,Ajax,JS,Bootstrap,MVC,Entity framework, C#]
Development of Quiz Competition Dashboard having mainly 3 components/views: Quiz View, Review, Result.

Counseling App [Android, firebase]
It helps the students to share their issues with teachers and get counseling on it.

Process Scheduling Simulator [C++]

Developed a process scheduler using Multilevel Feedback Queues with FCFS, SJF, Priority Scheduling, Round Robin algorithms.

Timetable Schedule [C#, Artificial Intelligence]

An AI based solution to auto generate timetable using back propagation.
Database Software for Pharmacy [SQL Server, PHP, Html5, CSS, Bootstrap**]**

Development of the Pharmacy system for handling data, fetch records, calculate bill and generate receipt. **Games Development [C++, OOP, OpenGL, Assembly Language]**

Development of Brick Slayer & PACMAN in C++ using OpenGL & Tetris game development in assembly language using MASM 611 and DOSBOX.

Work Experience

Software Engineer in **Logic Powered Solutions [Currently Working]**   **Jan,2018**
Working on Node.js, Angular6, MongoDB
Working on Asp .Net MVC AND Entity Framework, WPF, Window Applications, Sql Server
Data Analytics and Designing (Internship)   **June,2017**

Skills & Tools

.NET: C#, ASP.NET, MVC (Razor), Entity Frame Work, WPF
Web Designing and Development: HTML5, CSS3, JS, jQuery, Ajax, Bootstrap, Angular 6
Mobile Application Development: Android, Firebase
Databases: MS SQL Server, MySQL, Oracle 11g, MongoDB
Tools: Eclipse, Visual Studio 2015, Android Studio, SAP. Eclipse, Visual Studio Code, Trello, Docker configurations
Version Control: GitHub