**ZAIN JAHAN**

House # 11-A Railway Survey Colony Allama Iqbal Road Opposite Mayo Gardens, Lahore, Pakistan

Zainjahan64@gmail.com | +92 (323) 4374007 | linkedin.com/in/musabahmad96

**OBJECTIVE**

Team player with strong communication skills and a bachelor’s degree in information technology coming with a sound knowledge of programming skills to obtain an entry-level Software Engineer position in a reputable organization where exceptional technical skills and ability to quickly adapt to change are duly compensated.

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|  | **WORK EXPERIENCE** | | | | |
| ▪ | **Junior Developer | DevBatch Present** Currently working full time as a Jr. Developer for Algo in Lahore. My responsibilities at Algo are handling the issues at the production, automation of the production support. | | | | |
| • | **Software Engineer | Pakistan Airforce, Badhber Camp, Peshawar June 2019- August 2019** Worked with a team on a project which was an extension for the my final year project “**Augmented Reality Based Game’’** for the Pakistan Airforce which was about designing an application which simulates an object based on the coordinates given to it and this was integrated with our game to shoot those objects for better shooting practice. Major technologies/applications that were used are Unity and C#. | | | | |
| • | **Project Trainee | PTCL Training Center, Peshawar July 2018 - August 2018**  Executed a research-based project in which different Functional Competency Frameworks were defined related IT domain. The primary objective was to review research articles related to each of the 41 competencies and then summarizing each article. A quiz related to each article was circulated among the PTCL employees to test the knowledge about the relevant competency. | | | | |
|  | **EDUCATION** | | | |  |
| ▪ | **NUCES FAST** | MS | **CGPA:** 3.25 MS in Data Science **(Coursework Completed)** | | | | **2019-2021** |
| ▪ | **Ghulam Ishaq Khan Institute of Engineering Sciences and Technology (GIKI)** | BS  BS in Computer Engineering | | | | **2015-2019** |
| ▪ | **Edwardes College, Peshawar** | A Levels | | | | **2012-2014** |
| ▪ | **Qadims Lumiaré School, Peshawar** | O Levels | | | | **2010-2012** |
|  | **PROJECTS** | | | |  |
| ▪ | **Employee Database Management System**  Designed a smart and efficient employee database management system that kept a record of the employees, their dependents, and their leaves. The database was made using Oracle DB, while the front end was a web application, they were both linked using Node.JS. | | | | |
| • | **Bluetooth Powered Chat Application**  This Android application enabled the user to connect to another user and chat with him/her over Bluetooth. Completely documented the project which included it's design diagrams, functional and non-functional requirements, system requirements, development technique and technologies to be used. Basic programming concepts along with OOP concepts and Database concepts were used in this project's development. | | | | |
| • | **Flight Reservation System**  Developed a highly efficient (in terms of running complexity) flight reservation system. In developing concepts of Data Structures were used. The served cities were connected through a graph and graph traversal algorithms were used to find the best routes. This project also used OOP concepts such as generalization and abstraction. | | | | |
| • | **Augmented Reality Based Game**  This project blended the basic concepts of game development and Augmented Reality with a touch of modern graphics. Developed in Unity 3D for an android platform with real-time object instantiation, AI-based plane detection, and real-time object tracking, this project offered a unique gaming experience for the addictive gamers out there. | | | | |
|  | **SKILLS** | | | | |
| * Python/R * C/C++ * JAVA * SQL/Database Design * MongoDB | * AWS/Amazon Redshift * MS Word * MS Excel * MS PowerPoint * Good managerial skills |