Muhammad Sameer Masood

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# Summary

Capable of initiating and completing tasks on time. Collaborative, Adaptive learner and analytical problem solver, highly motivated in working on different technologies and also have an ability to work and deliver under pressure. My strongest skills are in Object-Oriented Programming, Data structure, Dart, C#, Java.

Specialties: **Flutter, Unity3D, Android, IOS, WebAPI**

Portfolio: <https://sameer71095.github.io/>

# Experience

## Software Engineer

Micropolis Digital Development FZ-LLC

May 2018- Present

1 year 8 months +

* Determines operational feasibility by evaluating analysis, problem definition, requirements and proposed solutions.
* Create high quality and engaging applications in an Agile development environment
* Interacting with the development team.
* Design custom pattern to take care of the performance like memory leaks and security issues (especially SQL Injection, Cross-Site scripting, and Sensitive Data Exposure)
* Develop mobile apps with UNITY3D and Flutter.
* Design restful web APIs/Web services for android and IOS devices.



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| --- | --- |
| Mobile Application Developer | Feb 2017 - May 2018 |
| MangoTech Solutions | 1 year 4 months |

* Develop native mobile apps.
* Designing and developing restful web services for cellular devices.
* R&D on new platforms like React Native Framework.
* Complete support of the app development process: from development start and optimization to testing with external test users.

# Education

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| --- | --- |
| IQRA University High School, Computer Science | 2014 - 2018 |
| **GOVT. Monotechnic Institute Malir Colony, Karachi**  Diploma Of Associate Engineering, Computer Information Technology | 2011 - 2014 |
| **GOVT. Superior Science College**  Intermediate, Pre-Engineering | 2011 - 2013 |

# Skills

C# • Dart • Unity3D • Flutter • Android • IOS • Java • Unity • XML • PHP • Web Services • .Net- framework • .Net core • MS SQL Server • SQLite

# Certifications

## Certificate of Completion: C# Course • SoloLearn

1080-1225234 • Jun 2016

## Certificate of Completion: PHP Course • SoloLearn

1059-1225234 • Dec 2016

# Projects

## AlMamzar Park • Micropolis Digital Development

Basic Idea: AlMamzar Park is a multi-platform 3D smart app, where users will able to reserve chalets or book park facilities like grill areas, sports areas, and events, etc. My responsibilities include the development of the application, API integration, integrate GPS services where users will able to navigate inside the park. I have designed and develop the overall mobile side and some server-side operations.

Technical Aspect: C#, .net, MVC, Web API, Identity framework, Repository Pattern, VCS. Tools: Unity 3D, Visual Studio, MS SQL Server

Screenshots: [**https://drive.google.com/drive/u/2/folders/1Tu3D7Umx2Zp5LSgQcNIlxzAXVpBKLgBh**](https://drive.google.com/drive/u/2/folders/1Tu3D7Umx2Zp5LSgQcNIlxzAXVpBKLgBh)Android Play Store: [**https://play.google.com/store/apps/details?id=ae.gov.dm.mamzar&hl=en\_US**](https://play.google.com/store/apps/details?id=ae.gov.dm.mamzar&hl=en_US)IOS App Store:

[**https://apps.apple.com/us/app/almamzar-park/id1437502466?app=itunes&ign-mpt=uo%3D4**](https://apps.apple.com/us/app/almamzar-park/id1437502466?app=itunes&ign-mpt=uo%3D4)

## Forensic Mobile Application • Micropolis Digital Development

Basic Idea: Develop a mobile application for the forensic department to detect fingerprints, blood, saliva, etc. The main purpose of the application is to recognize the fingerprints at the crime scene. I have developed the software and integrated it with the hardware.

Technical Aspect: Flutter SDK, Dart, Java, SWIFT, Web API, Git, MATLAB. Tools: Android Studio, XCode, ORACLE, Intelli-j-ide.

Screenshots: [**https://drive.google.com/drive/u/2/folders/1nfxBMcMwQ1HWlmZyLvuz4HtSH8h0zUgP**](https://drive.google.com/drive/u/2/folders/1nfxBMcMwQ1HWlmZyLvuz4HtSH8h0zUgP)

## IoT Smart Home • Micropolis Digital Development

Basic Idea: The main idea for the smart home is to control all the electrical appliances through the mobile application and to monitor the usage of electricity.

Technical Aspect: Flutter, Dart, Java, WebSocket, Web API. Tools: Android Studio, X-Code, Intelli-j-ide.

## Mohamed Bin Rashid Housing Establishment Interactive App • Micropolis Digital Development

Basic Idea: Users will be able to view the 3D models of the MBRHE house with 360 interactive views, after selecting the specific house users will get all the interior information like floors, parking space in 3D. My responsibilities include developing the mobile application for android and IOS.

Technical Aspect: C#,Unity3D Tools: Unity 3D, Visual Studio.

Screenshots: [**https://drive.google.com/drive/u/2/folders/1OUiCdRkPhUjtnWWtqlOMwD\_DUfgNAaMb**](https://drive.google.com/drive/u/2/folders/1OUiCdRkPhUjtnWWtqlOMwD_DUfgNAaMb)

## 123nGO • Mangotech Solutions

Basic Idea: 123nGO is a transportation app just like Uber and Careem. I have developed this project throughout from start to end. My responsibility includes designed and develop the overall mobile side and server-side operations with live tracking of drivers.

Technical Aspect: Java, XML, Location Services, Maps, .Net MVC 5, Web API, Repository pattern, Identity framework. Tools: Android Studio, Visual Studio, MS SQL Server

## UAE Food Promo App • Micropolis Digital Development

Basic Idea: The basic idea of this app is to provide coupon codes for food delivery apps. I have developed the mobile application, backend using web Scrapping and the admin panel.

Technical Aspect: Flutter, Dart, PHP, Web Scrapping, Web API. Tools Visual Code, Sublime Text.

Android Play Store: [**https://play.google.com/store/apps/details?id=com.sam.UAEfoodpromo&hl=en\_US**](https://play.google.com/store/apps/details?id=com.sam.UAEfoodpromo&hl=en_US)

## Lyfty • Mangotech Solutions

Basic Idea: Lyfty is another transportation app similar to Uber and Careem with additional features like carpooling. I have developed this project throughout from start to end. My responsibility includes designed and develop the overall mobile side.

Technical Aspect: Java, XML, Location Service Android Studio, Visual Studio, MS SQL Server, Maps, .Net MVC 5, Web API, Repository pattern, Identity framework.

Tools: Android Studio, Visual Studio, MS SQL Server

Screenshots: [**https://drive.google.com/drive/u/2/folders/1y7qwUFoTw2mNwsBr491HPVU-NjHXNrRr**](https://drive.google.com/drive/u/2/folders/1y7qwUFoTw2mNwsBr491HPVU-NjHXNrRr)