**Muhammad Sameer Masood**

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**SUMMARY**

Detailed-oriented responsible and committed engineer, with a get-it-done, on-time and high-quality  
product spirit, defining requirements, designing, implementing, testing and delivering complex mobile and back-end applications using a sort of programming languages and technologies. Technical proficiencies include:  
  
Programming languages: C#, Dart, Java, JavaScript, PHP, XML, CSS, HTML, Matlab, Python  
  
Database: MS SQL Server, SQLite, My SQL, Procedure Language, Firebase  
  
Tools: Unity 3D, Visual Studio, Flutter, Visual Code, Android Studio, Eclipse IDE, Spyder  
  
Methodologies: SAFe (Scaled Agile Framework), Oriented Design (000), Agile Software Development,  
Object-Oriented Programming (OOP), Scrum, Pair-Programming, Test-driven Development.  
  
Specialties: Flutter, Unity3D, Android, IOS, WebAPI  
  
Personal website: <https://sameer71095.github.io/>

**WORK EXPERIENCE**

**Micropolis Digital Development FZ LLC**, Dubai (UAE)

*Software Engineer* (04/2018)-Present

* Worked with project managers, developers, quality assurance and customers to resolve technical issues.
* Collaborated with cross-functional development team members to analyze potential system solutions based on evolving client requirements.
* Orchestrated efficient large-scale software deployments, including testing features and correcting code.
* Discussed project progress with customers, collected feedback on different stages and directly addressed concerns.
* Gathered and defined customer requirements to develop clear specifications for creating well-organized project plans.
* Designed and developed forward-thinking systems that meet user needs and improve productivity.
* Wrote highly maintainable, solid code for the application that formed a core framework and has won consistent praise from subsequent developers since the initial version.
* Conducted regression testing, analyzed results and submitted observations to the development team.
* Interfaced with a cross-functional team of business analysts, developers and technical support professionals to determine a comprehensive list of requirement specifications for new applications.
* Reviewed requirements, specifications and technical design documents to provide timely and meaningful feedback.
* Improved system performance by making proactive adjustments and resolving bugs.
* Adjusted software parameters to boost performance and incorporate new features.
* Monitored debugging process results and investigated the causes of non-conforming software.

**Mangotech Solutions**, Karachi

*Mobile Application Developer* (06/2017)-(03/2018)

* Devised all documentation for each app, detailing all aspects, functions, capabilities, and features.
* Applied various techniques to locate bugs and errors in applications.
* Created custom mobile applications using native technologies as per client specifications.
* Managed all aspects of the app lifecycle from research and planning through deployment and post-launch support.
* Provided dedicated support and timely issue resolution to clients following a successful app launch.
* Provided weekly progress reports to executive staff, ensuring that all parties were informed of milestones.
* Maintained comprehensive knowledge of mobile development cycle and addressed challenges arising in each phase.
* Tested applications prior to the final review to verify efficient issue resolution.
* Utilized comprehensive knowledge of the mobile landscape, emerging technologies and innovations to remain on cutting edge of the market.
* Assessed app performance and code efficiency through benchmarking and optimization tests.
* Gained expertise incorporating offline storage, performance tuning, and threading into apps for seamless use.
* Successfully integrated push notifications into apps, bolstering user engagement.
* Designed user interfaces that engaged all senses and produced immersive experiences.
* Employed third-party APIs to facilitate seamless access to external, in-app cloud data.
* Worked with teams from other projects and departments to create apps and data-driven by customer input.
* Designed deeply moving application experiences that used gyroscopes, accelerometers, and other sensors.

**EDUCATION**

**Bachelor of Science in Computer Science(BSCS)**, (2017)

IQRA University, Karachi

**Diploma in Information Technology** (2013)

Monotechnic College, Karachi

**SKILLS**

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

**PROJECTS**

**AlMamzar Park** --- at 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 site and a few server-side operations.

Technical Aspect: C#.net, Web API, Identity framework, Repository Pattern, VCS.

Tools: Unity 3D, Visual Studio, MS SQL Server.

Links:

Screenshots: <https://drive.google.com/drive/u/2/folders/1Tu3D7Umx2Zp5LSgQcNIlxzAXVpBKLgBh>

PlayStore: <https://play.google.com/store/apps/details?id=ae.gov.dm.mamzar&hl=en_US>

AppStore:   
<https://apps.apple.com/us/app/almamzar-park/id1437502466?app=itunes&ign-mpt=uo%3D4>

**Forensic Mobile Application** --- at 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, MATLAB.

Tools: Android Studio, X Code, ORACLE, Intelli-j-ide.

Links:

Screenshots: <https://drive.google.com/drive/u/2/folders/1nfxBMcMwQ1HWlmZyLvuz4HtSH8h0zUgP>

**IoT Smart Home** --- at 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, sockets, Web API.

Tools: Visual Code.

**Mohamed Bin Rashid Housing Establishment Interactive App** --- at Micropolis

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#.

Tools: Unity 3D, Visual Studio.

Links:

Screenshots: <https://drive.google.com/drive/u/2/folders/1OUiCdRkPhUjtnWWtqlOMwD_DUfgNAaMb>

**UAE Food Promo App**

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.

Links:

PlayStore:https://play.google.com/store/apps/details?id=com.sam.UAEfoodpromo&hl=en\_US

**123nGO** --- at 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.

**Lyfty** --- at 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 Services, Maps, .Net MVC 5, Web API, Repository pattern, Identity framework.

Tools: Android Studio, Visual Studio, MS Sql Server

Links:

Screenshots:

<https://drive.google.com/drive/u/2/folders/1y7qwUFoTw2mNwsBr491HPVU-NjHXNrRr>