PERSONAL INFORMATION

Muhammad Sufyan Malik

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Sex Male | Date of birth 25/11/1993 | Nationality Pakistani

SOFTWARE ENGINEER

I'm a committed and result-driven Software Engineer. I see myself as a leader, no matter how hard I must work for it, and this is just one of the many steps I must take. I'm seeking a challenging and career-oriented position in a dynamic and progressive software company. I possess good communication skills. Moreover, I'm a proactive planner and a quick learner.

WORK EXPERIENCE

December 2021 – Continue

Software Engineer
ARD Grup

▪ Participates in complete Software Development Life Cycle (SDLC) for proper analysis, development, testing, deployment and enhancement of the code.
▪ Developed and maintained scalable web application using C# and .NET core.
▪ Resolved complex technical issues and provided ongoing support for production systems
▪ Participated in code reviews to maintain code standards and enhance team collaboration
▪ Developing responsive design of Mobile App. Bug fixing and application performance.

Software Development. R & D.
C#, .NET core, Layered-Architecture, RabbitMQ, Dart, Git, DevOps, SignalR , Angular

January 2021 – November 2021

Mobile Application Developer (Android, IOS, Flutter)
Locksmith Software Technologies

▪ Participated in complete Software Development Life Cycle (SDLC) for proper analysis, development, testing, deployment and enhancement of the code.
▪ Developing responsive design of Mobile App. Bug fixing and application performance.
▪ Implemented Location Listener to show exact location on Google Maps.

- Recorded exact details of errors during testing for further remediation.
- Integrated Google play services and Google Maps API V2
- Performed testing on Physical device and the android emulator.
- Created Independent component using Widgets Flutter.
- Used Dio for REST Api's and Bloc Design Pattern.
- SwiftUi for User Interface.
- Testing code, fixing bugs and improving Application efficiency.

Software Development. R & D, Security Solutions.
Java, Dart, Flutter, XML, Git, Bloc, App Provider, REST, Retrofit, Android SDK, Material Designs.

September 2020 - December 2020

WordPress Developer & Android Developer

IslandsinMotion

- Developing WordPress websites and Mobile Apps. Bug fixing and improving web and android application performance.
- Utilized advanced functions of the Java for Android Apps and WordPress CMS in order to optimize the flexibility of Web and Android apps.
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WordPress Frontend, CMS, cPanel, Plugins, MySQL Database
Software Company, Medical Solutions.

February 2018 – August 2018

Android Developer

Active Sharks (Karachi, Pakistan)

- Participated in complete Software Development Life Cycle (SDLC) for proper analysis, development, testing, deployment and enhancement of the code.
- Played a key role in writing application logic using Android Studio IDE and Android SDK.
- Analyzed user interface and consulted with client.
- Respond to client needs for applications with an eye to the most feasible and effective solutions.
- Coordinate with team members to create client apps in a coordinated and timely manner.
- Ensure that apps are tested to meet total performance requirements.
- Optimize the interfacing of the apps with a variety of systems to ensure flexible and agile use.

Digital Marketing.

Java, XML, MVP, REST, Volley Library, Responsive Designs

June 2016 – October 2016

Software Developer

TechStrategies (Islamabad, Pakistan)

▪ Desktop Apps development using C#.
▪ Android Apps Development.
▪ Website Front End Developing

Software Company.

EDUCATION AND TRAINING

2018 –2020

Master's- MS(SE)

Atilim University, Ankara (Turkey)

▪ Software Engineering
▪ Software Testing
▪ Big Data
▪ Machine Learning
▪ Research Methodology

2013 –2017

Bachelor's- BS (SE)

Comsats University Islamabad (Pakistan)

▪ Software Engineering
▪ Software Requirement Engineering
▪ Software Design
▪ Data Structure
▪ Software Testing

2010 – 2013

FSC (Pre-Engineering)

IBA Community College Khairpur (Pakistan)

▪ English
▪ Mathematics
▪ Physics
▪ Chemistry
▪ Urdu

2009 - 2011

Matriculation

IBA Community College Khairpur (Pakistan)

▪ English
▪ Mathematics
▪ Physics

PERSONAL SKILLS

Mother tongue(s)   Urdu

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
A2	A2	A2	A2	A2

Turkish

Learn from University				
B2	B2	B2	B2	B2
International English Languages Testing Service				

English

Communication skills

- Good communication skills gained through my experience as a good speaker.

Organisational / managerial skills

- Planning
- Decision Making
- Problem Solving
- Motivating

Job-related skills

- C#
- Angular
- Dart
- Flutter
- Swiftui
- Git,
- Devops
- RabbitMQ
- TFS
- Java
- HTML & CSS
- PHP
- SQL
- XML
- Swift
- Android (SDK)
- İOS
- WordPress

Digital skills

TOOLS

- Good command of Microsoft Office (word processor, spread sheet, presentation)
- Good command of Adobe Photoshop (Software used for editing)
- Good command of Android Studio (Software use for developing Android Native Apps and Apps in Flutter)
- Good command of Visual Studio (Software use for developing various applications (Desktop, Web and etc))
- Good command of Python Tools (Jupyter GoogleColab and PyCharm).
- Good command of MATLAB (Software use for solving various algorithms and applications)
- Good command of NetBeans (Software use for development in PHP and Java)

▪ Good command of Balsamic & Pencil Tool (Software use for making mock-ups)

▪ Good command of Brackets and Atom (Software use for website development)

Driving licence	M Car

ADDITIONAL INFORMATION

Academic Projects

▪ Parking Management System (C language)
▪ Mobile App using GUI (Java Language)
▪ Website for Clinic Online (HTML CSS PHP)
▪ Website for Online Shopping Store E-Commerce.
▪ Website for a Company using Theme.
▪ CV Creator (C#).

Professional Projects

▪ Smart Home App (Java, Android Studio, XML, http Request).
▪ Chicken Islamabad Shop POS (C#, Visual Studio).
▪ Play Learn App (Java, Android Studio, Material Design, Animations).
▪ TheKsaff (Java, Android Studio, Notifications, Firebase Login and Signup).
▪ Dr. Pakistan (Java, Android studio, XML, Volley Library, Material Design, Notification, MySQL Database,).
▪ Servisim (Java, Android Studio, XML, Push Notifications, Map Integration, Retrofit, MVP, Material Design, JSON)

Final Year Project

Colorimetric Analysis an Android App.
The App is specifically developed for Analyst/Chemist. In this app user can capture image / load image. The filter is applied on the image if needed. Segmentation is performed after that RGB images are processed in order to get the intensity level from roi (Region of interest) which is required by analyst.

Master Thesis

"USE OF OPTIMIZATION TECHNIQUES FOR HEALTH PREDICTION"
In today's world, the usage of modern technology has brought many advancements in the field of medical science. Still, with all the advancements, the diagnosis and treatment of most diseases are considered a challenging task. Diabetes ailment has been studied more for tackling the symptoms rather than investigating the diagnosis in its early stages. The combination of resistance to insulin and insulin emission deficiency produces type-2 diabetes. Diabetes Mellitus Type-2 is high penetrance and still increasing around. However, the identification of DMT2 is a dilemma. If the DMT2 can be identified at an early stage, fewer preventive measures would be required, and the person can still lead a healthy and carefree life. There exist many health prediction systems in health sectors using data mining techniques. Optimization techniques are capable of providing more precise and efficient results as well. In this research study, least squares, Quadratic programming, and Lagrangian Method are used with convex optimization to find the classification accuracy and the comparison between existing classifiers such as SVM, DT, LR, and so forth. This research demonstrates that optimization techniques can be used to envisage or diagnose health disease and can provide better results compared to other classifiers.

Conferences

▪ Indus Youth Conference (2010)
▪ Sukker Youth Conference
▪ Skill Development Workshop

Memberships	Silver Liners Club (A club for sake of humanity and helping to those who deserve)

Courses	Different online courser for learning purpose. (Android Development (Java), Flutter (Dart)) Like from Coursera (Introduction to python for Data Scientist)

Certifications

- Certificate of Participation (The International Student's Academy)
- Certificate of Appreciation (Pakistan-Turkey Relationship: "from past to present", Symposium)
- Certificate of Merit (Best Performance in Speech Competition)
- Certificate of Commendation (2nd Position in a tableau)
- Certificate of Participation (Community Development and Mobilization of Youth)

Interest and Other Activities

- Jogging.
- Cricket.
- Cycling.
- Movies
- Reading Books.
- Playing Table Tennis.