



MUHAMMAD SULAIMAN

TECHNICAL PROJECT LEAD | PROJECT MANAGER
& SOFTWARE ENGINEER

CONTACT

- +963993530172
- [Gmail](#)
- [StackOverflow \(2600 < reps\)](#)
- [GitHub \(100 < followers\)](#)
- [LinkedIn](#)
- [Facebook](#)
- [X](#)
- [YouTube](#)

EDUCATION

2021 - 2024

DAMASCUS UNIVERSITY

- Master of Artificial Intelligence

2012 - 2017

DAMASCUS UNIVERSITY

- Bachelor of Computer Science

TECHNICAL SKILLS

- C#, Python, C++, Java, Kotlin, MySQL/PostgreSQL, and PowerShell scripting.
- Adhered to YAGNI, DRY, KISS, SOLID, and TDD principles.
- Pair-programming, code review.
- Git branching strategy, stash, rebase, etc.

PROFILE

Results-driven Software Engineer with over **7 years** of experience in developing complex software solutions. Skilled in **agile** methodologies (Scrum & Kanban), **application development**, scalable infrastructure design, and intricate systems integration. Holds a **Master's degree** in Artificial Intelligence with published research in Natural Language Processing and machine learning. Passionate about leading and fostering collaborative, growth-oriented environments. Highly adaptable and effective at translating innovative ideas into real-world solutions.

WORK EXPERIENCE

Technical Project Lead & Project manager

Equivator - KSA (Full time)

2024 - PRESENT

- Lead cross-functional project teams (**web & mobile developers, UI/UX & QA**), define technical objectives, assign tasks, and monitor progress to ensure timely delivery of high-quality software solutions.
 - Converts PRDs to product roadmaps and **Jira Epics**
- Manage **DevOps** pipelines for flutter apps using tools such as **Bitrise and GitHub Actions** to automate building and deployment processes.
- Conduct in-depth technical analysis and collaborate with developers to design scalable, efficient implementation plans.
- Designed and developed a **Flutter SDK** for a custom payment method, enabling seamless integration with partner apps and enhancing the flexibility and reach of our payment infrastructure.
- Select and evaluate technology stacks & **3rd parties** for new features.
- Write & maintain comprehensive technical documentation to support development, onboarding, and system maintenance.
- Perform **code reviews** to uphold code quality, enforce best practices, and mentor team members.

Tech lead & Software Engineer

ControNest LLC - USA (Full time)

2019 - 2024

Tech lead & Software Engineer

2021 - 2024

- Led a development team to create a modular, MVVM-based & Multi-lingual (English/Chinese), desktop applications (**WinForms & WPF**) for waterjet & laser cutting machines
 - Architected, implemented, and maintained the underlying software infrastructure.
- Directed the migration of a 15-year-old WinForms application to WPF
 - Enhanced View layer and software performance
 - Resolved existing memory leaks via **memory profiling** (dotMemory)
- Integrated commercial **CAD & Nesting** libraries within the application
- Architected & implemented Developed custom **licensing and logging systems** for customers management and logs-collection.

SOFT SKILLS

- Team Leading (agile methods.)
 - Scrum (Jira & Confluence)
 - Kanban (Trello)
- Problem Solving and Critical Thinking.
- Time Management and Prioritization.
- Rocket-speed learning.

LANGUAGES

- Arabic (Fluent)
- English (Fluent)

Windows & mobile application developer

2019 - 2021

- Implemented the designs for both desktop ([WinForms](#) & [WPF](#)) and mobile applications ([Xamarin](#)) according to UI/UX designer specifications.
- Developed [unit/integration/e2e testing projects](#) to ensure all modules are working as expected
- Designed and Implemented the full presentation layer to support both landscape and portrait orientations, as well as touch screen and non-touch screen modes, on Windows devices.
- Created a standalone tool for the product owner to design new application themes.
- Developed a [cross-platform](#) mobile application (Xamarin) to estimate cutting time and cost for customers.

Team leader & Android Application Developer

Sa3i - Germany (Part time)

2019 - 2020

- Led a team of developers to create a chat application utilizing [Firebase](#) Realtime Database and Cloud Messaging.
 - Integrated [Braintree](#) payment gateway.
- Developed Android application that connects professional German translators with Arab users who wants to translate governmental documents

Android Application Developer

Shooub Advance - KSA (Full time)

2018 - 2021

- Developed shopping and e-commerce apps, integrating [Hyperpay](#) payment gateway and OAuth-based identity providers.
- Implemented UI/UX designs with precision.
- Developed [ERP](#) Android applications (tablets only).
- Developed an Android auction application featuring [live-stream](#) auctions.

SIDE PROJECTS

Master MCQ

Desktop application ([GitHub](#) & [YouTube](#))

- Automatic Multiple Choice Question Generation
- Allows teachers to select specific chapters from a semi-structured medical textbook to generate questions and control the difficulty level of the generated questions
- Supports Arabic/English languages
- Approach
 - Convert e-book chapter to knowledge graph
 - Generate MCQ questions from combined knowledge graphs
 - Use Machine learning models such as PCA & Doc2Vec to get distractors & measure similarities
- Publications (Arabic) can be found in github repo

Open source projects

- [GridExtra.Core.WPF](#): making GridExtra library support .NET Core WPF applications (available on [Nuget](#))
- [Opengl-Lab](#): Modern OpenGL Tutorials and Exercises
- [Prolog-Lab](#): SWI-Prolog Tutorials and Exercises
- [SlidingNumbers](#): 2D game built with C++ & OpenGL