


MUHAMMAD SULAIMAN

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 [website](#)

 [StackOverflow](#)

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SUMMARY

AI Tech lead holding a Master's degree in Artificial Intelligence, Software developer with over 8 years of experience in developing complex software solutions. Skilled in agile methodologies (Scrum & Kanban), application development, scalable infrastructure design, and systems integration. Passionate about leading and fostering collaborative, growth-oriented environments. Highly adaptable and effective at translating innovative ideas into real-world solutions.

WORK EXPERIENCE

AI Engineering Lead @ [LikeCard](#) (Full-time) Oct 2025 - Present

- Perform EDA on large SQL data sources and curate high-quality training datasets through cleaning and feature engineering.
- Train ML models and integrate them directly into FastAPI endpoints for real-time inference in production.
- Use AWS SageMaker to support model training and experimentation alongside local and custom ML pipelines.
- Improved prediction model accuracy by 8% through targeted feature engineering and iterative model fine-tuning.
- Implement and operate production MLOps pipelines, including CI/CD, Docker, monitoring, and automated retraining.
- Use advanced ML frameworks (scikit-learn, XGBoost, LightGBM, CatBoost) to deliver high-performing production models.
- Develop an internal dashboard for API key management and monitoring for AI services.

Tech Lead @ [BuildMate](#) (Full-time) July 2025 - Feb 2026

- Lead cross-functional teams, assign tasks and ensure timely delivery of high-quality software solutions.
- Manage Tech tools and design 3rd party integrations (e.g. HubSpot CRM, SendGrid, etc.) to streamline operations.
- Create a wide range of documentation, including KPI reports, SOPs, visual diagrams & documentation, product roadmaps, and more.

Technical project manager @ [Equivator](#) (Full-time) Oct 2024 - Nov 2025

- Lead cross-functional project teams (web & mobile developers, UI/UX & QA), assign tasks and monitor progress to deliver high-quality software solutions.
- Manage DevOps pipelines using tools such as Bitrise and GitHub Actions to automate building and deployment processes.
- Developed mobile SDK for custom payment method, enabling seamless integration with partner apps.
- Perform code reviews to uphold code quality, enforce best practices, and mentor team members.
- Create a wide range of documentation, including KPI reports, SOPs, visual diagrams & documentation, product roadmaps, and more.

- Led a development team to create modular, MVVM-based, multilingual (English/Chinese) desktop applications (WinForms & WPF) for waterjet & laser cutting machines.
- Integrated commercial CAD & Nesting libraries within the application and developed custom licensing and logging systems for customer management and logs collection.
- Designed and implemented a cross-platform mobile application (Xamarin) to estimate cutting time and cost for customers.
- Directed the migration of a 15-year-old WinForms application to WPF, enhancing the view layer and software performance while resolving memory leaks using memory profiling tools (dotMemory).
- Architected & implemented Developed custom licensing and logging systems for customers management and logs-collection.

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

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

EDUCATION

- Thesis on "Developing a Methodology for Extracting Questions from Scholarly Texts for Teaching and Evaluation Purposes".
- Published 2 Conference Papers
- Used: Zotero, conda, MySQL, Jupyter notebooks, Google Colab, Protege, LaTeX/Overleaf, Tesseract, Weka, UMLS, MetaMap & SemRep, Microsoft Word 2021, etc...

- Specialized in Artificial Intelligence and Natural Language Processing.
- Skills: Teamwork, Presentation Skills, Programming, Data Analysis.

ADDITIONAL INFORMATION

- **Technical Skills:** Backend (FastAPI, MySQL, ASP.NET Core), Frontend (Android, WPF, .NET MAUI, Flutter), DevOps and multi-environment deployment (Docker, GCP/Cloud Run, AWS/ECS), CI/CD (GitHub actions, Bitbucket pipelines), advanced git commands (submodule, rebase, worktree, stash, etc), pre-commit, programming (C#, Python, C++, Java/Kotlin, MySQL/PostgreSQL and PowerShell scripting), LLM agents, pair programming, code review, design patterns & clean code (YAGNI, DRY, KISS, SOLID, and TDD principles), team leadership & Agile (Trello, Jira & Confluence).
- **Volunteering:** Computer science Instructor (Damascus University), Math & Machine learning tutor
- **Languages:** English (fluent), Arabic (mother language).