

# Lara Issa

**Project Manager | PMP® Certified | Senior Backend Developer | Software Engineer**

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**Nationality:** Lebanese | **LinkedIn:** [Lara Issa](#)

## Summary

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Senior Software Engineer and PMP® certified Project Manager with expertise in project coordination, backend development, and teaching as a university instructor. Experienced in managing full-cycle projects, bridging communication between technical and non-technical teams, and delivering high-quality software solutions on time. Skilled in various programming languages (.NET, C#, Java, Python) and frameworks, with a keen understanding of Agile methodologies and project management tools. Adept at problem-solving and troubleshooting, ensuring seamless project execution and efficient workflows. Proven ability to translate complex requirements into actionable plans, enhancing collaboration and driving product success across diverse teams.

## Experience

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### Technical Project Manager

**TradeBrix**, UAE (Remote) – 06/2025 – 12/2025

- Coordinated platform integrations and infrastructure delivery across the SDLC.
- Turned strategic objectives into executable plans with timelines, owners, and measurable outcomes.
- Drove Agile ceremonies (planning, backlog, reviews) and tracked delivery blockers.
- Produced clear status reports and implementation notes for leadership and cross-functional teams.

**Maids.cc**, UAE (Remote) – 05/2024 – 11/2024

- Led and optimized project workflows, enhancing team productivity and delivery efficiency.
- Wrote and optimized complex PostgreSQL queries (Jira reporting), troubleshooting performance issues.
- Re-balanced schedules and story points; monitored task completion for on-time delivery.
- Built Python tools and reports to streamline operations and enable data-driven decisions.
- Ran weekly syncs with business managers to align priorities and surface urgent items.

### Backend Software Engineer

**Acksession**, Lebanon/USA (Remote) – 01/2025 – 06/2025

- Delivered backend solutions for U.S. clients (e.g., Reconic), adapting to varied business needs.
- Designed and implemented RESTful APIs in C#/.NET; ensured secure, efficient integrations.
- Modeled and tuned MySQL databases; conducted API testing/debugging in Postman.
- Collaborated through Agile ceremonies to hit milestones across cross-functional teams.

**Sucafina**, Lebanon (Hybrid) – 02/2022 – 05/2024

- Built scalable back-end apps in C#/.NET and BizTalk; integrated systems via REST, XML, and JSON.
- Optimized business workflows, configurations, and SQL Server databases for accuracy and speed.
- Owned end-to-end API development and testing with Postman, improving interoperability and data integrity.

### Part-Time Faculty Instructor

**Lebanese American University (LAU)**, Lebanon (On Site) – 08/2020 - Present

- Teach Object-Oriented Programming (Java) and Programming Fundamentals (Python); design lectures, labs, and assessments.
- Lead Computer Organization Lab (Verilog): digital logic, simulation, and hardware description fundamentals.
- Instruct Computer Applications: productivity workflows using MS Office/365 tools (Excel, Word, PowerPoint).
- Mentor students through coding challenges, emphasizing problem-solving, clean code, and academic integrity.
- Align course materials with program outcomes and industry-relevant practices.

## Education

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**Master's degree in Computer Science** (GPA: 3.85) – Lebanese American University (LAU), Beirut, Lebanon - 2022

**Bachelor's degree in Computer Science (Honors)** – Lebanese American University (LAU), Beirut Lebanon - 2019

Both degrees are ABET Accredited

## Certifications & Awards

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- **Project Management Professional (PMP)®**, Project Management Institute – 2025
- **Fundamentals of Deep Learning**, Nvidia Deep Learning Institute – 2021
- **Ranked 3rd in the LAU Collegiate Programming Contest - Arab region** - Lebanese American University – 2019

## Publications

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**Title:** "Detection and Prevention of TCP DoS/DDoS Attacks in Software-Defined Networks"

**Published on:** IEEE Xplore, **Link:** <https://lnkd.in/dFW-As8X>

## Projects

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**Research Project:** COVID-19 Detection Model using Federated Learning Based on Trust Between Clients

**Data Science:** Predicting ICU Admission of Confirmed COVID-19 Cases

**Java:** CPU Scheduling Algorithm

**Data Visualization:** LinkedIn Industry Skills and Growth Visualization

**Python:** Python Automation Developer

**Machine Learning:** Facial Expression Recognition (FER)

**Web:** Pet Shop

**Software Engineering:** Hospital Management System

## Skills & Expertise

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**Programming & Scripting Languages:** Java, C, Python, R, C#, .NET, Bash/Shell, TypeScript.

**Database and Backend Services:** Microsoft SQL Server, PostgreSQL, MongoDB, Google Firebase, RESTful APIs, XML, JSON.

**Web Technologies:** HTML, CSS, JavaScript, PHP, Ajax, ASP.NET.

**Development & Testing Tools:** Git, Postman, Unit Testing, Visual Studio, Visual Studio Code, Unity 3D, Android Studio.

**Automation & Integration Tools:** Zapier.

**Microsoft Office Suite:** Word, Excel, PowerPoint, Outlook.

**Collaboration & Productivity Tools:** Jira, Confluence, MS Teams, HubSpot, Zoom, Google Workspace.

**Security Tools:** 1Password

**Software Architecture:** Microservices, CQRS, SOLID patterns.

**Data Visualization Tools:** Looker Studio, D3.js, Matplotlib.

**Project Management Skills:** PMP® Certified Project Management, Communication Management, Tasks and Milestone Management, Schedule Management, Agile Methodologies.

**Soft Skills:** Communication, Organizational Skills, Public Speaking, Time Management, Motivational Skills, Multitasking.

## Languages

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**Arabic:** Native | **English:** Fluent