

Lara Issa

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

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Summary

PMP® certified Project Manager and Software Engineer 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

Project Manager— 06/2025 – 10/2025

TradeBrix, Lebanon/UAE (Remote)

- Coordinate and manage technology projects across the software development lifecycle, including platform integration and infrastructure delivery.
- Support the CTO in translating strategic objectives into actionable project plans, timelines, and deliverables.
- Act as the primary liaison between engineering, product, compliance, and operations teams to ensure effective cross-functional execution.
- Oversee Agile workflows, including sprint planning, backlog management, and task tracking using project management tools.
- Monitor project risks, resource constraints, and delivery timelines, and escalate issues to the CTO as required.
- Maintain accurate project documentation, progress reports, and implementation updates for internal stakeholders.

Instructor & Faculty Member for the Object-Oriented Programming Course (Python) + Object and Data Abstraction (Java) + Computer Organization Lab + Computer Applications – 08/2020 - Present

Lebanese American University (LAU), Lebanon (On Site)

- Instructed and mentored students using Python as the primary language to build a strong foundation in software development.
- Designed and delivered comprehensive lectures, practical exercises, and hands-on projects in Java to reinforce key programming concepts, including inheritance, encapsulation, polymorphism, and abstraction.
- Guided students through complex coding challenges, fostering problem-solving skills and encouraging independent critical thinking.
- Developed course materials, assignments, and assessments that align with university standards and industry practices.
- Provided individual support and feedback to students, enhancing their understanding and mastery of programming concepts and techniques.

Backend Software Engineer— 01/2025 – 06/2025

Acksession, Lebanon/USA (Remote)

- Collaborate with U.S.-based clients, including the Reconic project, to deliver robust backend solutions.
- Work across multiple projects and technologies, adapting quickly to varied technical and business requirements.
- Design and implement RESTful APIs using C# and .NET, ensuring secure and efficient integrations.
- Utilize MySQL for data modeling, querying, and performance optimization.
- Conduct API testing and debugging using Postman, ensuring quality and reliability in client-facing endpoints.
- Engage in agile development processes, coordinating with cross-functional teams to meet project milestones.

Technical Project Coordinator – 05/2024 to 11/2024

Maids.cc, UAE (Remote)

- Led and optimized project workflows, enhancing team productivity and delivery efficiency.
- Write, optimize, and troubleshoot complex SQL queries in PostgreSQL for Jira to support reporting and data analysis needs.

- Managed and adjusted project schedules, refined story points, and monitored task completion, ensuring timely delivery and effective cross-departmental collaboration.
- Built Python-based tools and reports to streamline operations and support data-driven decisions.
- Held weekly syncs with business managers to align priorities and relay urgent tasks to dev teams.

Software Engineer – 02/2022 to 05/2024

Sucafina, Lebanon (Hybrid)

- Developed scalable backend applications using C#, .NET, and BizTalk, integrating systems through RESTful APIs, XML, and JSON.
- Designed and optimized business workflows, system configurations, and SQL Server databases to enhance performance and accuracy.
- Conducted end-to-end API development and testing using Postman, ensuring seamless platform interoperability and data integrity.

Event Organizer - **TEDx LAU**, Lebanon – 08/2017 to 01/2020

Education

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

- **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

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

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

Projects

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

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.

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

Collaboration Tools: Jira, Confluence, MS Teams, HubSpot.

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

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.

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

Languages

Arabic: Native | **English:** Fluent