


Charbel Salem

New Rawda 

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Career objective

Dedicated, solution-oriented Computer Scientist. Passionate about Backend, Web Development and AI. I am seeking a challenging role where I can apply my hands-on project experience to build scalable systems while continuing to grow within a collaborative team.

Experience

OCT 2022 – Nov 2023

Quality Assurance Specialist - Part-time

Comin Insurance

1. Key Responsibilities:

- a. Conducting comprehensive testing of the insurance app to identify any potential issues or bugs.
- b. Collaborating with the development team to communicate and resolve any identified issues.
- c. Employing automation scripts to streamline the testing process.
- d. Making edits and updates to the product designs based on feedback from stakeholders or usability testing.

Nov 2023 – Sep 2025

Software Development

Intalio

1. Key Contributions:

- a. Designed and developed full-stack web applications using modern frontend frameworks and backend services.
- b. Implemented AI-powered text extraction and processing pipelines, including image and audio data handling.
- c. Applied Optical Character Recognition (OCR) and Speech-to-text technologies to extract and analyze structured and unstructured data.
- d. Built and documented RESTful APIs with industry standards tools (Swagger / OpenAPI)
- e. Develop clear, user-friendly service and system information interfaces.
- f. Focused on scalable, secure, and maintainable system design.

Technical Skills

- Programming Languages: Java (Java, JavaEE, JavaFX), Python, C, C++, C#, HTML, CSS, JavaScript, TypeScript
- Databases: Oracle Database, Microsoft SQL Server, MySQL, MongoDB
- Frameworks and Tools: SQL, PL/SQL, Spring Boot, SQL Developer, DevOps, Angular, React Native, Flask, Django, GitHub, GitLab, .NET
- Machine Learning and AI: Machine Learning, Deep Learning
- Other: Odo

Education

NOV 2021 – NOV 2023

[Master's degree, Computer Science/ Lebanese University - Faculty of Science](#)

OCT 2018 – JUL 2021

[Bachelor of Science - BS, Computer Science/ Lebanese University - Faculty of Science](#)

OCT 2003 – JUL 2018

[Baccalaureate in life sciences/ Our Lady of the Apostles College, Rawda](#)

Licenses and Certifications

ISSUED SEP 2021

[CCNAv7: Switching, Routing, and Wireless Essentials/ Cisco Networking Academy.](#)

ISSUED OCT 2020

[CCNA R&S: Introduction to Networks/ Cisco Networking Academy](#)