

Charbel Kiwan

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EXPERIENCE

Creoshift

August 2023 – Present

Back End Web Developer

Remote

- Developing scalable, secure backend components and APIs using Laravel and modern web tech.
- Collaborating with senior and junior developers to understand requirements and implement digital solutions.
- Designing and implementing backend components for efficiency and reliability.
- Writing well-structured, efficient, and maintainable code following best practices.
- Optimizing app performance and enhancing the user experience through backend improvements.
- Participating in regular team meetings and fostering a collaborative development environment.

Faraj Company for Contracting

July 2023

Intern

Zahle

- Observed construction sites and gained insights into the execution of electrical installation.
- Learned about home automation systems and witnessed their implementation.

Private Tutor

September – May 2021

Freelance Tutor for all classes

Zahle

- Teaching a wide range of subjects with a primary focus on mathematics, physics, and chemistry.

EDUCATION

Lebanese University – Faculty of Engineering Roumieh

2020 – Present

Computer and Communications Engineering

Roumieh

Lebanese National Higher Conservatory of music

2020 – 2023

Lyrical Singing

Sin el Fil

College Oriental Basilien

2006 – 2020

General Science

Zahle

PROJECTS

Electrical Management System Database Project

Semester 7, 2024

- Contributed to a team of 5 developing an Energy Conservation-focused Electrical Management System.
- Designed ER Diagram and converted it to Relational Database using Relational Mapping algorithm.
- Utilized PowerBI and explored machine learning applications for energy optimization.

Flight Management System Project

Semester 6, 2023

- Developed Flight Management System using Java and Apache NetBeans.
- Implemented scene creation and utilized text files for efficient client and flight information management.

Library Management System Project

Semester 5, 2023

- Created Library Management System using C#.
- Incorporated advanced features like asynchronous calls, delegation, and event handling for enhanced efficiency.

Football Team Management System Project

Semester 4, 2022

- Contributed to a 15-member team developing a Football Team Management Application in C#.
- Designed and implemented login form ensuring secure application access.

SKILLS

Programming: C++, Java, C#, MATLAB, LabView.

Web Development: HTML5, CSS3, JavaScript, React, PHP, Laravel.

Database: SQL, JSON.

Microsoft: Power Bi, Word, PowerPoint, Excel.

Autodesk: AutoCAD, Eagle, Inventor.

Operating Systems: Windows server, Linux.

Soft skills: Attention to Detail, Critical Thinking, Leadership, Communication, Adaptability, Creativity.

Musical skills: Singer and Pianist.

EXTRACURRICULAR ACTIVITIES

Watar Choir	2015 – Present
<i>Conductor of the basses</i>	<i>Zahle</i>
Marounite Scouts	2015 – 2019
<i>Leader</i>	<i>Zahle</i>

LANGUAGES

Arabic: Native language.

English: Full spoken and written proficiency.

French: Full spoken and written proficiency.

CERTIFICATES

DELF B2

Full stack development – IBM