

# Kassem Salah El Dine

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## Computer and Communication Engineering

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Location: West Bekaa, Lebanon

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## Professional Summary

Master's degree holder in Computer and Communication Engineering with specialized training in the MERN stack, certified through hands-on experience. Passionate about applying technical skills in web development and continuously learning new technologies. Seeking opportunities to contribute to innovative projects in a dynamic environment.

## Education

### Master's Degree in Computer and Communication Engineering

Lebanese International University, West Bekaa, Lebanon | 2024

### Bachelor's Degree in Computer Engineering

Lebanese International University, West Bekaa, Lebanon | 2021

## Professional Experience

### MERN Stack Training

Tatweer Baladna, Zahle, Lebanon | August 2024

- Completed a comprehensive MERN stack training program, developing full-stack applications with React.js, Node.js, Express.js, and MongoDB.
- Created a tourism website 'Baalbeck Wonders,' integrating RESTful APIs, user authentication, and dynamic content rendering.
- Implemented secure user authentication using JWT and password hashing with bcrypt.

### Front-End Development Intern

SWORD, Beirut, Lebanon | July 2023 – October 2023

- Developed and optimized TODO List project using AngularJS, enhancing user experience by implementing responsive design principles.
- Connected to the backend with PHP, with an SQLite database.

## Technical Skills

Programming Languages: JavaScript, Python, Java

Web Development: HTML, CSS, JavaScript, React.js, AngularJS, Node.js, Express.js, REST APIs

Databases: MongoDB, MySQL

Version Control: Git, GitHub

Tools & Technologies: Tailwind CSS, Bootstrap, JWT, bcrypt.

## Projects

Baalbeck Wonders

- Description: A tourism website developed using the MERN stack, featuring functionalities like adding, updating, and deleting hotels, restaurants, and places.
- Technologies: React.js, Express.js, MongoDB, Node.js, Tailwind CSS
- Key Contributions: Developed the Admin component with features for location and rating management, and integrated user authentication.

Machine Learning Workshop Project

- Description: Implemented a machine learning model using Python to analyze data sets and provide predictive analytics.
- Technologies: Python, Pandas, Scikit-Learn
- Key Contributions: Participated in hands-on exercises, applying ML algorithms to solve real-world problems.

## Certifications

MERN Stack Development Certification | Tatweer Baladna, August 2024

Angular Internship Certification | SWORD, October 2023

Machine Learning Workshop Certification | July 2022

## Languages

English: Fluent

Arabic: Native