Joe Youssef

Software Engineering Student

5th year Computer And Communications Engineering student at USJ

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EDUCATION

BACHELOR IN COMPUTER AND COMMUNICATION ENGINEERING
SAINT JOSEPH UNIVERSITY OF BEIRUT – FACULTY OF ENGINEERING

09/2019 - Present

GENERAL SCIENCES LEBANESE AND FRENCH BACCALAUREATE
COLLEGE NOTRE DAME DES SOEURS ANTONINES HAZMIEH/JAMHOUR

09/2015 - 06/2019

WORK EXPERIENCE

FULL STACK ENGINEER INTERN
ASPIRE SOFTWARE

06/2023 - 07/2023

Achievements/Tasks
- Developed a full-stack library/authors application using the MERN (MongoDB, Express.js, React.js, Node.js) stack.
- Collaborated with the team to design and optimize the database structure using MongoDB, resulting in efficient data storage and retrieval.
- Actively contributed to team meetings and discussions, sharing ideas and solutions to enhance project efficiency and effectiveness.

Web Development Internship
CNRS

06/2022 - 07/2022

Achievements/Tasks
- Worked on providing a constant maintainability of the project.
- Successfully migrated from node 14 to node 16 and from node-sass to dart-sass.
- Successfully cloned the Qaaroun-Reservoir project on Ubuntu.
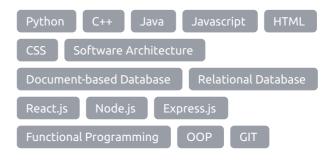- Collaborated with the AI team on a weekly basis.

FULL STACK ENGINEER - Final Year Project
ASPIRE SOFTWARE

01/2024 - Present

Achievements/Tasks
- Developed inventory and reservation management systems for the company's offices and branches using agile methodology.
- Collaborated with HR and IT departments to design solutions that met specific business needs.
- Created intuitive interfaces and real-time tracking features to streamline operations and boost productivity.

SKILLS

Python   C++   Java   Javascript   HTML

CSS   Software Architecture

Document-based Database   Relational Database

React.js   Node.js   Express.js

Functional Programming   OOP   GIT

PROJECTS

E-Commerce Website (10/2022 - 12/2022)
- Provided a very good and responsive User Interface.
- Implemented using React js and Node.js .
- Successfully established a connection to a mongoDB Database.

Multidisciplinary Project - Discord Replica (01/2023 - 05/2023)
- Created a replica of Discord on Mobile using Android Studio
- Implemented real-time voice and text communication between users

Final Year Project - Inventory and Reservation Management Systems (01/2024 - Present)
- Implemented React.js and Node.js with MongoDB for efficient items tracking, maintenance management, and comprehensive logs system.
- Developed reservation management with conflict resolution, allowing users to reserve desks and rooms seamlessly.
- Integrated entry and exit logs for monitoring reservations and implemented email notifications for user warnings.

Library Platform (06/2023 - 07/2023)
- Implemented using the React.js and Node.js.
- Created RESTful APIs using Express.js, enabling seamless communication between the front-end and back-end components.
- Implemented user authentication and authorization features, ensuring secure access to sensitive information.

LANGUAGES

Arabic
Native or Bilingual Proficiency

English
Full Professional Proficiency

French
Full Professional Proficiency

INTERESTS

Medieval History   Geographical Mapping

Football   Hiking   Swimming