ABDEL KARIM METLEJ

SKILLS

Python · Java · HTML · CSS · Java Script · React.js · Express.js · node.js · PHP

EDUCATION

B.S. Computer Engineering 3.3 GPA

Lebanese International University (LIU)

10/2020 - 2024
Tal Abbas, Akkar, Lebanon

LANGUAGES

Arabic	Native	● ● ● ● ●
English	Proficient	● ● ● ● ○
French	Advanced	● ● ● ○ ○
Spanish	Beginner	● ● ○ ○ ○

INTERESTS

Watch movies
One of my favorite way to have fun after a long day

Reading
Reading help me learning new things.

VOLUNTEERING

Volunteer

Lebanese Red Cross

2023 - 2024

Volunteered for one year at the Lebanese Red Cross, contributing to humanitarian efforts by providing medical services, distributing medicine, and conducting medical examinations, demonstrating a strong commitment to community service and the organization's mission.

Computer Engineer

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📍 Halba, Akkar, Lebanon

SUMMARY

Computer Engineering with robust knowledge in software development and design, gained through earning a BSc in Computer Engineering, completing various individual projects, and learning multiple programming languages. Proven ability to work effectively in teams through collaboration with diverse operational groups. Additionally, I bring hands-on IT experience, managing system upkeep, providing technical support, handling hardware components, ensuring data security, and contributing to strategic IT projects.

EXPERIENCE

Senior Project   2023 - 2024
Last Year proejct using React.js and Express.js   LIU

LRCH SYSTEM
- System Design: Architected a comprehensive system to streamline medical services and reduce manual paperwork by 70%.
- Front-End Development: Utilized React.js for a dynamic, component-based user interface, enhancing reusability and maintainability.
- Back-End Development: Implemented an Express.js backend for efficient server-side operations and RESTful API design.
- Database Management: Designed and managed a MySQL database for secure patient records, medication inventory, and user roles.
- Role-Based Access Control: Developed functionalities for directors, doctors, assistants, and volunteers to enhance workflow efficiency.
- Impact: Improved operational efficiency, data accuracy, and accessibility for over 7,000 beneficiaries.

Information Technology [IT]   2023 - 2024
Lebanese International University   LIU

Assistant With the IT Coordinator
- Maintained IT systems and provided technical support to colleagues, ensuring smooth technology operations.
- Managed software updates, installations, and data security in compliance with IT policies.
- Collaborated with various teams and handled vendor relations to support organizational IT needs.
- Contributed to strategic IT projects, evaluating emerging technologies and aligning them with organizational goals.
- Maintained detailed documentation and developed disaster recovery plans to mitigate unforeseen challenges.
- Fostered interdepartmental communication and ensured IT compliance with regulatory requirements.
- Managed hardware components including RAM, power supplies, motherboards,hard disk and other peripherals to ensure optimal performance.
- Skilled in troubleshooting network issues

Database Project   2022 - 2023
University Project using java and SQL   LIU

Medicine Donation
- Data Management:Utilized primary keys for donors and charity organizations to ensure data integrity.
- Technical Skills:Applied database design principles including composite attributes, primary keys, and weak entities.Developed with a focus on real-world applicability in the medical donation and distribution sector.
- Developed a comprehensive medicine donation management system for the CENG375 course project.

EXPERIENCE

Software Project   2021 - 2022

University Project using java GUI   LIU

Gym Membership system

- Create an application of Gym Membership system that give access to 3 type of users (Admin, Coach, member) using Java desktop development.
- Utilize operations to save, execute and manipulate user's information from text files.