

# Ibrahim Saker

Beirut, Lebanon | +961 76014272 | ibrahim-sakr@hotmail.com | www.linkedin.com/in/ibrahimlsakr

## Education

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### Lebanese American University (LAU)

*Byblos, Lebanon*

*Bachelor of Engineering in Mechatronics Engineering with Honors*

*September 2018-May 2022*

*Dean's list (Spring 2021, Fall 2022, Spring 2022)*

## Work Experience

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### Global Technology Solutions

*Beirut, Lebanon*

*Technical Consultant*

*July 2022-Current*

#### System Configuration and Operations:

- Planned and executed system architecture installations and configurations of JD Edwards ERP for four clients, resulting in smooth system performance and efficiency.
- Conducted thorough system architecture studies and provisioned network, database, security, and other components to successfully migrate two customer JD Edwards systems from on-premises to Oracle Cloud Infrastructure (OCI).
- Upgraded three customers to newer releases of JD Edwards, resulting in enhanced system functionalities and improved user experience.
- Composed a consolidated system solution for a customer on OCI, reducing their cost by 40%
- Introduced and documented new oracle technologies to speed up customer system installation process, resulting in increased efficiency of the process from 2 weeks to 1 week.
- Performed database migrations from older release of oracle database to newer versions/systems.
- Debugged issues with internal teams to solve system-related issues and bugs, improving team efficiency and customer satisfaction.
- Documented new technology releases that add value to customers allowing us to deliver the best value of our products.
- Trained functional team on technical concepts related to database and basics of querying on oracle database.

#### Development:

- Developed and setup cloud monitoring and alarm services using OCI SDK in java resulting in faster response time to critical errors.
- Programmed bash scripts to monitor customer resource utilization to improve preventative maintenance.
- Developed orchestrations to monitor system health, providing measures for system stability and uptime.

## Skills

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**Technical Skills:** Oracle Cloud Infrastructure, Java, Python, Oracle Database, Linux, MYSQL, JD Edwards.

**Languages:** Advanced in Arabic and English

## Projects

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### Intelligent Vacuum Cleaning Agent

*Fall 2021*

- Implemented algorithms in java to optimize a vacuum cleaning agent's path in a 2D environment, reducing cleaning time and increasing efficiency.
- Created an adversarial agent and had both agents compete to measure the performance of both agents, gaining insight into the effectiveness of the algorithms.

- Designed a scoring system to measure the performance of both agents, providing a clear and objective way to evaluate their effectiveness.

### **Dorm Management System**

*Fall 2021*

- Built a MYSQL database system for a dorm management system, ensuring accurate and efficient data management.
- Worked on JavaFX design as well as database backend development, resulting in a user-friendly and efficient system.

### **Certifications and Extracurriculars.**

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**Certified Oracle Cloud Infrastructure Foundation Associate**

*October 2022*

**Certified Oracle Cloud Infrastructure Architect Associate**

*April 2023*

**Engineering World Health Online Exchange Program**

*June 2020-August 2020*

**BeirutAI technical workshop**

*August 2020*