

Ali Reda Al Moussawi

Beirut, Lebanon

+961 71 450 309 | +961 76 329 310 | almoussawialireda@gmail.com

<https://www.linkedin.com/in/ali-reda-almoussawi/>

EXPERIENCE

DevOps Engineer Intern

March 2024 – Present

CSB Academy

- Learn the main concepts and theories of DevOps.
- Understand the reasons behind DevOps practices.
- Work on Real Example and situations on different type of applications and technologies.
- Learn various DevOps technologies like Docker, Kubernetes, Git, GitLab, OS & Virtual Machine, Linux commands and the methodology of automation.

Software Engineer

June 2023 – Present

Vanrise

- Contribute to the development and enhancement of the OSS/BSS solution, a software platform serving various industries using the company's framework and technologies.
- Work using Agile methodology, and tools like Jira.
- Use design patterns to make code more reusable and more readable.
- Work on OGERO CRM Project, fixing bugs, building features, handling new requests, and testing.
- Manage tasks and projects within the platform, delivering high-quality software solutions that enhance functionality and improve user experience for the company's clients.
- Collaborate with cross-functional teams to analyze business requirements and translate them into technical solutions using C#(.Net), AngularJS, and SQL.
- Apply problem-solving and analytical thinking skills to address complex technical challenges, ensuring efficient and effective development processes.

Software Engineer Intern

March 2023 – May 2023

Vanrise

- Developed and deployed multiple console apps, including migrating a Windows Forms app to use a database.
- Use Repository Pattern and best practices (Generics-Serialization-Reusable element)
- Built an MVC web API app with Angular JS services, improving UX with pop-ups and editing features.
- Implemented reusable Angular JS directives and services to promote code modularity and efficiency.
- Collaborated with teams to deliver high-quality solutions.
- Utilized C# and JavaScript debugging techniques.

Student Intern Program

July 2022 – Sep 2022

Vanrise

- Using many technologies like: Html - CSS – JavaScript – Angular – ASP.NET-C#-SQL
- Create Database for Network Company with Stored Procedure
- Make a website for network company as user interface and connect to Data Base Using ADO.net.

Telecommunication Intern

july 2022 – Sep 2022

OGERO (The Main Internet Provider in Lebanon)

- Exchange Design and FTTX Network.
- Services through fiber optic and copper cables.

EDUCATION

Advanced master in IoT and Smart Systems/ Advanced Master

Lebanese University Faculty of Engineering

2022-2023

- Computer Vision
- Web development Machine Learning
- Data Engineering
- Cloud and big data Mobile and wireless Communication
- IoT Hardware IoT protocols - IoT security
- Personal Development

Computer and Telecommunication Engineer / Diploma degree

Lebanese University Faculty of Engineering

2018-2023

- Awarded for having the highest GPA in the specialization (top 1% of the cohort)
- Member of the Cyber Community Club
- Tutored peers in computer operating systems, programming, data science, optical fibers, telecommunication, and electrical systems

Ai Programming with python / Nano degree

Udacity

2022-2023

- Learn Ai Concepts using python as programming Language.

PERSONAL PROJECTS

IoT Platform

September 2023

Lebanese University

- The project aimed to develop an IoT platform using the MQTT protocol, incorporating role-based security, real-time charts between the browser and broker, and a Rule Engine.

Student Management System

March 2023

Vanrise

- Developed an ASP.NET web application for student data management, utilizing C#, SQL, MVC/WebAPI, and Angular JS.
- Implemented reusable Angular JS services and directives to enhance the functionality and maintainability.

Windows Forms App

March 2023

Vanrise

- Designed and developed a Windows Forms application for student data management using C# and SQL Server.
- Implemented efficient data handling through inline queries, stored procedures, and data layer classes.

Guidelines for industries (4.0)

January 2023

Lebanese University

- Research for best practices of security in the industries that use IoT.

Motion Detection using CNN

January 2023

Lebanese University

- Conducted research on motion detection parameters to optimize methodologies for precise speed and acceleration outputs.

News Broadcaster

March 2021

Lebanese University

- Developed an Android application with administrator and user modules for targeted messaging and efficient search.

SKILLS

Web Development:

- **Frontend:** HTML, CSS, SASS, Bootstrap, JavaScript, TypeScript, jQuery, Ajax
- **Frameworks:** React.js, AngularJS, Angular
- **Backend:** Asp.net, MVC/WebAPI

Databases:

- SQL Server, MySQL, Firebase, MongoDB

Programming Languages:

- Java, C, C++, C#, Python

Version Control & Repository Management:

- Git, GitLab, GitHub

DevOps and Automation:

- Bash scripting and python scripting
- Docker and Kubernetes.

Engineering:

- Good Knowledge of Internet protocols.
- Strong Background with Cybersecurity
- Good Knowledge of using microcontrollers.

Networking:

- Routing, Switching, Firewalling
- Encryption and Decryption

Soft Skills:

- Team Player.

Languages:

- Arabic, English, French

ADDITIONAL INFORMATION

- **Certificates:** CCNAv7 – Introduction to Networks, Arduino, CISCO IT CERTIFICATE WITH CISCO AND DOT LEBANON, The Data Science and Ai day with Beirut Ai and IEEE.
- **Interests:** Swimming (worked as a part time swimming instructor), football (participated with the local team for regional playoffs), Gaming (played many of games and interest of mechanism)- growing plants.