

OMAR FERREKH

Software Developer

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★ Nationality: Lebanese

EXPERIENCE

Software Developer

Zeenni Steel Industries and Trading

- 📅 05/2024 - Present 📍 Chouaifet, Lebanon
- Provided comprehensive support for Dynamics 365 Finance and Operations and Dynamics 365 Business Central
 - Ensured the accuracy and timeliness of ERP operations by troubleshooting user-reported issues and coordinating with relevant teams to resolve discrepancies
 - Analyzed and optimized stock and production data within the ERP systems to improve inventory control and operational efficiency
 - Assisted in configuring and maintaining system parameters to ensure smooth ERP performance tailored to the company's requirements
 - Worked on various C# Projects independently to strengthen programming skills, focusing on core concepts such as object-oriented programming, algorithms, and application design
 - Developed small-scale applications and tools as part of self-directed learning, gaining hands-on experience in coding, debugging, and software development best practices
 - Utilized MySQL databases for practice projects, learning database management, query optimization, and data handling techniques to enhance technical expertise
 - Documented key learnings and progress from programming projects, contributing to ongoing skill development and readiness for future challenges in software development

Mechatronics and Service Engineer

Agrico for Agricultural Development

- 📅 03/2021 - 07/2022 📍 Al Khor, Qatar
- Installed and commissioned both new and used machinery, demonstrating proficiency in setup and integration.
 - Managed the completion of significant projects, highlighting organizational and project management skills.
 - Diagnosed and resolved machine issues while mitigating errors during operational processes.
 - Produced precision parts essential for machinery and manufacturing procedures, emphasizing meticulousness and technical expertise.
 - Specialized in the assembly and maintenance of sandwich panel machines, overseeing the entire process from steel forming to panel finishing.
 - Conducted comprehensive maintenance (mechanical and electrical) on diverse machine types, ensuring optimal functionality.
 - Contributed to the implementation of cold rooms projects utilizing steam and air cooling systems.
 - Developed strong communication and relationship-building skills through direct interactions with suppliers and customers.
 - Expanded proficiency in SolidWorks software and acquired familiarity with additional software tools.

SUMMARY

Software Developer with an Engineering Background

A motivated software developer with a Computer Science degree and a Mechatronics Engineering background. Experienced in programming with C# and in building and maintaining ERP systems, optimizing processes, and working with databases like MySQL. Proficient in creating custom solutions, troubleshooting technical issues, and integrating APIs. Passionate about solving problems, improving systems, and contributing to innovative software projects.

EDUCATION

Bachelors in Computer Science

Rafik Hariri University

📅 01/2023 - 12/2024 📍 Mechref, Lebanon

Bachelors of Engineering in Mechatronics

Rafik Hariri University

📅 01/2017 - 07/2020 📍 Mechref, Lebanon

General Sciences

Lycée National Schools

📅 08/2012 - 06/2015 📍 Chouaifet, Lebanon

SKILLS

| JAVA | C# | MySQL | React |
|--------------------------|---------|------------------|--------|
| Python | HTML | CSS | JQuery |
| JavaScript | C++ | PHP | JSON |
| SolidWorks | AutoCAD | Robotics | |
| Analytical Skills | | Embedded Systems | |
| Design for Manufacturing | | | Matlab |

LANGUAGES

| | |
|-----------------------|-------|
| Arabic Native | ●●●●● |
| English Proficient | ●●●●● |

EXPERIENCE

Mechatronics Engineer

Zeenni Steel Industries and Trading

📅 07/2020 - 03/2021 📍 Chouaifet, Lebanon

- Gained knowledge of current machinery objectives, with expertise in programming machines for specific functionalities.
- Engaged in the design and manufacturing of innovative machines to enhance productivity within the professional domain.
- Spearheaded the upgrading of steam boilers, industrial mixers, and homogenizers to align with evolving market demands.
- Specialized in optimizing steam boiler performance, ensuring maximum efficiency through strategic upgrades and designs.
- Demonstrated an expanded proficiency in SolidWorks software and acquired familiarity with other relevant software applications.

CERTIFICATES

Foundations of Computer Science

This course covers fundamental topics in computer science, including data structures, algorithms, and foundational concepts. It is suitable for coding enthusiasts, former computer science students, and beginners who wish to learn Python programming, object-oriented programming, file systems, and more.

CCNA: Introduction to Networks

A foundational course that provides a comprehensive understanding of networking concepts, including network architecture, protocols, and services. Covers topics such as IP addressing, Ethernet, switching, routing basics, and network security fundamentals. Designed to build the skills needed to configure, manage, and troubleshoot basic network infrastructures.