**Ehab Ashraf Ali Ahmed**BACK-END SOFTWARE ENGINEER

**Personal Information:**

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* Linked In: [ehab-ashraf-6b730511a](https://www.linkedin.com/in/ehab-ashraf-6b730511a/?originalSubdomain=eg)
* Military status: completed.

**Objective:**

A passionate back-end software developer with a robust foundation in back-end technology, I am eager to contribute my technical skills and creative problem-solving abilities to a dynamic development team.

**Education:**

* B.Sc. of Metallurgical and Materials Science Engineering, Faculty of Petroleum and Mining Engineering, Suez University**.** (2014 – 2019)
* Accumulative grade: good.
* Graduation project:
* Metal foam (Aluminum metal foam manufacturing methods and some practical applications).
* Graduation project grade: Excellent.

**Professional Training & Internships:**

* ITI-AAIB InternshipIntake 2 (May 2023-Present)
* CRM Full Stack Web Development Using .NET Track
* Sprints.ai Cloud Boot Camp (Nov 2022-Feb 2023)
* 4 months Cloud Boot Camp which covered the main topics of the Cloud core:
* Graduation project
* Automate the deployment process of a web app on the cloud ([**Project link**](https://github.com/ehabashrafali/Sprints-Final-Project))

**Technical Skills:**

**Back-end:**Advanced C# – OOP – ASP.NET Core MVC– Unit Testing – Web API Core – Entity Framework – Design Pattern – SOLID Principles

**Front-end:**HTML5 – CSS3 – JavaScript

**Databases:**Database Fundamentals – Advanced Database

**Version Control:**Git CLI - GitHub

**DevOps:**Docker - Linux - AWS - Ansible - Kubernetes

**Business Development:**

Power BI- Power Pivot – Business Intelligence – Data Mining Algorithms

**Agile:**SCRUM framework

**CRM:**Microsoft Dynamics CRM – Microsoft Dynamics CRM Development

**Personal Projects:**

**SQL Examination System:**

Developed a comprehensive Exam Management System, starting with ERD modeling and database creation. Integrated stored procedures, views, and functions to generate random MCQ and True/False questions, record student answers, and facilitate easy database table management. Streamlined the entire exam process while ensuring data integrity. ([**Project link**](https://github.com/ehabashrafali/%20SQL-Examination-System%20)).

**Personal Skills & Assets:**

**Languages:**

Arabic: Mother’s tongue. English: Very good Spanish: Intermediate

**Interpersonal:**

Time Management. Teamwork and Collaboration Research Skills

**Work Experience:**

* Export and Trade specialist at elmarakby steel. (March 2022 – March 2023)
* Managing export documentation and complying with export regulations and procedures
* Responsible for coordinating credit and financial activities and obtaining payments for import/export operations
* Developing and maintaining an understanding of international trade agreements and regulations
* Production engineer at Copper Egypt Company. (Feb 2022 – March 2022)
* Responsible for the production of high-efficiency and pure copper rod according to the standards
* Ensure that all processing operations are completed inside the **Rotary Furnace** and **Up-cast Furnace**
* Production engineer at The Aluminum Company of Egypt (EGYPTALUM). (Jan 2021 – Jan 2022)
* Extraction of pure aluminum using modern technology of prebaked cells
* Daily activities such as: Anode Change, tapping of molten aluminum and Removing impurities

**Certification:**

* **Introduction to Welding Processes – ECHO Group.**
* **Basic Inspection Methods – ECHO Group.**
* **Certified NDT Inspector Level II according to ASNT Recommended Practice No. SNT-TC-1A:**

▪ Visual Testing (VT). ▪ Liquid Penetrant Testing (PT). ▪ Magnetic Particles Testing (MT).

▪ Radiography Testing (RT). ▪ Ultrasonic Testing (UT).

* **Attended course of Udemy – ISO 9001: 2015 (Quality Management System).**
* **Attended ISO lead Auditor Training – Techno Advanced Group (TAG)**

**Volunteering Experience:**

* **PR** (public relation) member at **material geek’s community.** (2021)
* **Vice president** at **ESME** (Egyptian Society of Materials Engineers). (2017)