

# Ehab Ashraf Ali Ahmed

BACK-END SOFTWARE ENGINEER

## Personal Information:

- Address: 6<sup>th</sup> of October, EL- Ferdous City, Giza, Egypt
- Mobile: (+2) 01008248905
- E-mail: [ehabashrafali88@gmail.com](mailto:ehabashrafali88@gmail.com)
- GitHub: <https://github.com/ehabashrafali>
- Linked In: [ehab-ashraf-6b730511a](https://www.linkedin.com/in/ehab-ashraf-6b730511a)
- 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 Internship Intake 2](#) (May 2023- Nov 2023)
  - CRM Full Stack Web Development Using .NET Track
- Graduation project
  - [Tracks-Students-Course Management system \(Project Link\)](#)
- [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 \(Project link\)](#)

## 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, to generate random MCQ and T/F questions, and facilitate easy database table management while ensuring data integrity. [\(Project link\)](#)

### Admin-Instructors-Students Management system:

Developed an extensive Educational System, using wide range of technologies including ASP.Net core, Entity Framework, GitHub, SQ, etc... to facilitate all the management operations by the admin and to enhance the educational process flow for the student and the instructors [\(Project Link\)](#)

## 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 to produce 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 & 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)