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Intro

I'm an experienced Full Stack Engineer with a demonstrated history of working in the computer software industry. During my experience, I've worked in multiple tech products and systems. I am passionate about solving complex problems and taking on new challenges. I believe in the power of programming to transform and improve the lives of people around the world.

Work Experience

Full-stack developer
Senior Consulting, Cairo, Egypt

01/2019 – 12/2020
Achievements/Tasks

- Understand clients' application requirements.
- Design creative prototypes based on specifications.
- Identify key application features.
- Designing database schema according to business requirements.
- Ensure software quality and reliability of the entire output.

Education

Bachelor's degree, Computer Engineering
Cairo University, Cairo, Egypt

09/2020 – 05/2025

Projects

KPI - Key performance indicator system

02/2019 – 11/2020

- As part of my work experience, I had the opportunity to develop a Key Performance Indicator (KPI) system for a Technical Center that provides courses in the software industry. The system serves over 600 students and is still growing, with the primary goal of providing objective data on the user's progress during their course/track.

- The KPI system tracks efficiency, effectiveness, quality, timeliness, governance, compliance, behaviors, and performance of the user. This allows for a comprehensive analysis of the user's progress, highlighting areas of strength and areas that require improvement.
- The system was developed using PHP, the Laravel framework, and a MySQL database, ensuring a robust and scalable solution. With this project, I gained experience in developing complex systems that meet the needs of a growing organization.

Financial system

07/2020 – 12/2020
- During my work experience, I had the opportunity to develop a financial system for a tax and invoice management office. The system was designed to manage the financial processes of their clients, including tax calculations and invoice generation.
- The system was developed using PHP, the Laravel framework, and a MySQL database, ensuring that it was reliable, secure, and scalable.

Workshops

Robotics workshop
Beta academy, Cairo, Egypt
07/2021 – 10/2021

Volunteering Experience

Information Technology (IT) member
IEEE CUSB

10/2021 – Present
Achievements/Tasks
- Learning & practicing either front-end or back-end development tools & technologies.
- Working on the design & development of the IEEE website.
- Debugging any errors and adding the necessary validations.

Skills

- Programming languages: Java, C#, C/C++, PHP.
- Databases: MySQL, MongoDB, Microsoft SQL Server.
- Frameworks: Laravel, Spring.
- Prototyping: Adobe Photoshop.
- Version control: GIT.
- Front-end skills: HTML, CSS, JavaScript, jQuery, ReactJs, Bootstrap.

Courses

Supervised Machine Learning: Regression and Classification 2022
Coursera – DeepLearningAI , Cairo, Egypt

Embedded Diploma 2022
Amit , Cairo, Egypt

Web design & Web development 2018/2019
Senior Steps – IT training center , Cairo, Egypt

MCSA Diploma (ASP.Net MVC) 2018/2019
Senior Steps – IT training center , Cairo, Egypt

Front-end developer track. 2017
OneMillionArabCoders, Udacity.

Professional Web design diploma 2016/2017
ITShare, Cairo, Egypt.