

Ahmed Aly

Solution Architect

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### *Profile*

- Programming is my greatest passion.
- Competitive individual and cooperative team player.
- Strong time management and organizational skills.
- Strong emphasis on design.
- Good attention to details.

### *Education*

- 2010 HELWAN UNIVERSITY, EGYPT  
Bachelors of Engineering, Production Mechanical Engineering.
- 2018 Udacity  
React Nanodegree.

## *Techstack*

<b>Frontend Languages</b>	Javascript, ASP MVC, ASP WebForms, ASP Core, React, React Native, Xamarin, Redux, Mobx, SCSS, Bootstrap, TypeScript
<b>Backend Languages</b>	ExpressJS, C# WebAPI, C# WCF, Java, C/C++
<b>Database</b>	SQL Server, MySQL, PostgreSQL, mongoDB
<b>Software</b>	Visual Studio, IntelliJ, Eclipse, SQL Server, Photoshop
<b>Cloud-Technologies</b>	AWS, Azure, Heroku
<b>Version Control</b>	Git, SVN, TFS
<b>Concepts</b>	OOD, MVC, MVVM, TDD
<b>Project Management</b>	Jira, TFS, Slack

## *Experience*

2012 AUG – 2013 FEB - CAIRO, EGYPT

Developer at (AMAC) Ahram Management and computer center:

- Developed the Ahram newspaper windows 8 app.
- Gained hands on experience with WPF, windows 8 and windows phone.
- Gained hands on experience with SQL Server.

2013 JUNE – 2014 JUNE - CAIRO, EGYPT

Solution developer at LinkDev

- Worked with Otlob.com team on ASP frontend, WCF backend, SQL tables and Stored Procedures, collaborated with 3 fullstack developers.
- Developed a Sharepoint portal integrating with CRM team, implemented K2 integration with CRM, collaborated with 1 frontend developer, and the CRM team.

- Developed a smart bus windows phone mobile app to recharge NFC powered smart payment cards, utilizing the NFC cards for payment, and using GPS tracking for bus stations broadcasting.
- Developed a windows phone mobile app using GPS tracking for finding metro stations using augmented reality layer on real-time phone camera single handedly.
- Developed the UAE ministry of environment and water windows phone app.

#### **2014 DECEMBER – 2015 MARS - CAIRO, EGYPT**

Senior solution developer at Softec International

- Leading development of a Cloud SAAS Azure backend using the IOT to meet many business's needs (Agricultural, Transportation & Electricity usage monitoring)
- Collaborated with several fullstack developers to complete project.

#### **2015 APRIL – Currently**

Self Employed

- Developed several ERP products used by multiple enterprises
- Worked on deployment, administration, feature development, technical support
- Used SharePoint, ASP.NET MVC, ASP.NET WebForms, Java, silverlight, Office plugins, SQL Server to complete projects
- Collaborated with 3 Chief Architects, and more than 10 full-stack developers
- Developed a CRM product using ASP.NET WebForms, ASP.NET MVC, Kendo UI, SQL Server
- Was responsible for deployment, administration, feature development, technical support
- Collaborated with 2 Chief Architects and 6 fullstack developers

## Projects

### Calories Tracker

04/2019

- Allows user to define their meals, meal schedule, daily calories expectation.
- Tracks any deviation from the expected plan and helps with long-term health goals.
- Utilized: React, Mobx, SCSS, ASP.NET Core WebAPI, SQL Server

### Restaurants Reviewer

03/2019

- Users review and rate the restaurants rating from 1 to 5, owners enlist their restaurants and provide feedback on reviews and admins have full CRUD permissions on the system.
- Utilized: React, Redux, ASP.NET Core WebAPI, SQL Server

### Flashcards

02/2019

- 'Flash Cards' helps you organize your studying cards and prepare for a quiz.
- Utilized: Android, iOS, ReactNative, Redux

### Would U Rather

12/2018

- Multiple choice game where users answer polls and view how their peers answered.
- Utilized: React, Redux

### My Reads

11/2018

- MyReads is a bookshelf web app to track your reading
- Utilized: React

### SkyMusic

<https://www.microsoft.com/en-us/store/p/skymusic/9nsj527jvfvh?rtc=1>

### Next SideBar

<https://www.microsoft.com/en-us/store/p/next-sidebar/9p6k4c684j17?rtc=1>