



# Mohammed El-Said Mohammed Moussa, PhD

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Website (Business): <https://smartpharaohs.com>

Website (Private): <https://smartpharaohs.com/me>

LinkedIn: <https://www.linkedin.com/in/engmohammedelsaid>

Facebook: <https://www.facebook.com/engmohammedelsaid>

YouTube: <https://www.youtube.com/@DrMohammedElSaid>

Address: Cairo, Egypt

## ABOUT ME

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Mohammed is a passionate Software Engineer, and Technical Lead with over 19 years of experience. He has worked on a wide variety of projects and collaborated with people from diverse cultures and backgrounds. Throughout his career, he has contributed to many software companies and even founded and managed his own startup software house. Mohammed holds a master's degree in Image Processing and a PhD in Natural Language Processing.

## SOFTWARE DEVELOPMENT EXPERIENCE

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06/2023 – 04/2024



### Software Development Tech Lead

*Tahlili*

<https://tahlili.sa/>

Working on TAHLILI "Health Care Marketplace in KSA". <https://tahlili.sa> Patient can do all his laboratory services and telemedicine reservations from home.

**Azure DevOps, Microsoft Teams, Git** were used for managing projects' sprints, monitoring/assigning tasks, reporting daily progress, and commutation with the team.

C# / MVC Core / EF Core / SQL / Blazor Web assembly, Blazor Server

**Business or sector:** Information and communication

12/2021 – 06/2023



### Software Development Tech Lead

*SingleClic Solutions*

<https://singleclic.com/>

Working on GAHAR "General Authority for Healthcare Accreditation and Regulation" ePortal, which is a portal for government medical sector with partnership with Vodafone and certified by Egyptian Computer Emergency Response Team (EG-CERT). <https://www.gahar.gov.eg/>

Along with developing **desktop applications** for:

- Smart Pen Studio
  - o Software package for authoring / using Neo Smart Pen technology for automating / digitizing all of paperwork. <https://neosmartpen.com/>

**Azure DevOps, Microsoft Teams, Git** were used for managing projects' sprints, monitoring/assigning tasks, reporting daily progress, and commutation with the team.

C# / MVC Core / EF Core / SQL / jQuery

**Business or sector:** Information and communication

9/2018 – 10/2020



## Software Development Tech Lead

**SYNC Solutions**

<https://synceg.com/>

I led a team of fresh .net developers for developing a news content management system from scratch for powering a lot of newspaper websites which include: <https://www.rosaelyoussef.com>

Along with developing **desktop applications** for:

- Automated secured publishing
- Backing up and monitoring all files changes
- Archiving old news / Publishing delayed news
- Crawling Matches dates and Egyptian premier league standings
- Release manager for publishing full/differential builds along with desired modules
- Migrating other websites to the new system using crawling

**Azure DevOps, Microsoft Teams, Git** were used for managing projects' sprints, monitoring/assigning tasks, reporting daily progress, and commutation with the team.

C# / MVC / EF / SQL / jQuery

**Business or sector:** Information and communication

11/2018 – 02/2019



## IT Consultant

**Rabaa Hospital**

**Business or sector:** Human health and social work activities

03/2014 – 11/2014



## Senior Software Engineer

**ThirdWayv Inc. (Cairo Branch)**

<https://www.thirdwayv.com>

Many **Desktop, iPhone** Applications using C# / **Xamarin** for **Internet of Things** solutions.

**Business or sector:** Information and communication

02/2008 – 01/2021



## IT Consultant

**Nile Company for consumer complexes**

**Business or sector:** Accommodation and food service activities

08/2005 – 12/2005

06/2004 – 09/2004

07/2003 – 09/2003

## Junior Software Engineer

**Shadi Systems**

<http://www.shadisys.com>



Desktop Applications, Pocket PC / Tablet PC Applications, Web-Based / Web-Enabled Applications. Visual C#. Net, SQL CE, SQL SERVER, ADO.NET and ASP.NET.

**Business or sector:** Information and communication

## My Startup Company

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08/2010 - Current



## Co-Founder & Chief Technical Officer

**Smart Pharaohs (My Own Virtual Company)**

<https://smartpharaohs.com>

Developing of many software solutions (desktop, mobile, and web); full software development life cycle from planning and analysis up to delivery, maintenance, and training.

- Visual Studio [2005, 2008, 2010, 2012, 2013, 2015, 2017, 2019, 2022] – [C# and VB.Net]
- SQL Server [2005, 2008, 2012, 2014, 2019]
- ADO.NET, EF, and ASP.NET
- WordPress, Joomla

◦ Image Processing using MATLAB

Hosting Solutions

E-Marketing (Google Ads / Facebook Ads)

**Business or sector:** Information and communication

### Smart OMS

A Complete package for Operations Management Systems.

Running in:

[Ghina for Pest Control, Termite Treatment - Saudi Arabia](#)

[Alsokkaria Group – Saudi Arabia](#)

[Phoenix Bio Kill - Saudi Arabia](#)

[Hasad for Pest Control – Saudi Arabia](#)

Visual Studio 2022, SQL Server 2019, C#.

<http://smartpharaohs.com/smart-oms.aspx>

### Smart Accountant System

A Complete Package for Accountants, Including Sales, Purchases, Stocks, Suppliers, Customers, Stocks, & Accountants.

Visual Studio 2008, SQL Server 2005, C#.

<http://smartpharaohs.com/smart-broker.aspx>

### Smart POS

A Complete package for Point-of-Sale.

Visual Studio 2010, SQL Server 2005, C#.

<http://smartpharaohs.com/smart-pos.aspx>

### Smart Broker

A Program to handle all the data required by real estate brokers, customers, owners, estates, and contracts.

Visual Studio 2008, SQL Server 2005, C#.

<http://smartpharaohs.com/smart-broker.aspx>

### Smart Employees Fund

A Program to handle all the data required by companies, to record their employee's data, with their financial issues, fund contributions, payment of subscriptions.

Visual Studio 2008, SQL Server 2005, C#.

<http://smartpharaohs.com/smart-employees-fund.aspx>

## INSTRUCTING EXPERIENCE

09/2005 - Current

Assistant Professor

*Faculty of Computers & Artificial Intelligence, Helwan University*

<http://www.helwan.edu.eg>



Name of unit or department: Computer Science

**Business or sector:** Education

كلية الحاسبات والذكاء الاصطناعي  
Faculty of Computers & Artificial Intelligence



Fall / Spring 2019

Part-time Assistant Professor

*Faculty of Pharmacy, Helwan University*

Fall 2020, Fall 2021

*Faculty of Commerce and Business Administration, Helwan University*

Fall / Spring 2020



Fall / Spring 2020

Part-time Assistant Professor

*Arab Academy for Science, Technology & Maritime Transport*

*College of Computing & Information Technology – Smart Village*



الأكاديمية العربية للعلوم والتكنولوجيا والنقل البحري  
Arab Academy for Science, Technology & Maritime Transport



05/2008 – 05/2008

Instructor

*New Horizons Computer Learning Center*



Teaching C# / OOP Cours

**Business or sector:** Education

02/2008 – 04/2008

Instructor

*Ministry of Military Production*



Teaching C# / OOP Courses for master's students

**Business or sector:** Education

07/2007 – 08/2007  
07/2006 – 08/2006

**Instructor**  
**WAN Training Center**

Teaching C# / OOP / ADO.net / SQL Server Courses

**Business or sector:** Education

06/2006 – 06/2006

**Instructor**  
**ORASCOM Telecom**



Teaching SQL Server Courses

**Business or sector:** Telecommunications

## HONOURS AND AWARDS

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May 2012



**Microsoft**

**First Place Award in Microsoft Windows Developers Conference** which held in Four Season Hotel, Cairo, on 14, 15 May 2012, (Corporate Social Responsibility Competition) for the program “**Children Education Helper**” which targets the Education cause by allowing two children to enhance their mathematical abilities by competing together using windows 8 slate to solve mathematical puzzle game. [using Visual Studio 2012 Beta + Windows 8 Platform]. Prize: “**Samsung Netbook**”

Feb 2012



**Microsoft**

**First Place Award in Microsoft Egypt phone camp** which held in Fairmont Heliopolis Hotel, Cairo, on 22, 23 Feb 2012, (Corporate Social Responsibility Competition) for the program “**Literacy Helper**” which targets the Literacy Cause by allowing anyone who can't read, to hear any text he/she wants to read, just by taking a photo to it using his/her camera in his/her windows phone 7 mobile. [using Visual Studio 2010 + Windows phone 7 SDK]. Prize: “**Xbox 360 with Kinect**”

## EDUCATION

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03/2019

**PhD in Computer science**

**Faculty of Computers and Artificial Intelligence, Helwan University**

**Field(s) of study:** Natural Language Processing

**Thesis:** Sentiment Analysis Approach for Social Media

**Keywords:** Sentiment Analysis, Opinion Summarization, Social Media Analytics.

**Tools:** Python, Scikit-Learn, Keras, TensorFlow, HTML, JS, CSS

06/2012

**Masters in computer science**

**Faculty of Computers and Artificial Intelligence, Helwan University**

**Field(s) of study:** Image Processing

**Thesis:** Automated Periodontal Diseases Classification System

**Tools:** MATLAB 7.11.0 (R2010b)

09/2001 - 05/2005

**BSc in Computer science**

**Faculty of Computers and Artificial Intelligence, Helwan University**

**Field(s) of study:** Computer Science

**Final grade:** Excellent with Honor Degree (First in Class)

## LANGUAGE SKILLS

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**Arabic:** Mother tongue(s)

**English:** Excellent (Understanding / Speaking / Writing)

## PUBLICATIONS

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**Google Scholar**

<https://scholar.google.com/eg/citations?user=img6rWEAAAAJ&hl=en>