# MOHAMMED ZAKI

SOFTWARE ENGINEER TEAM LEADER   ⚲ CAIRO, 11599, EGYPT   ☎ 01143350487

## ○ DETAILS ○

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## ○ SKILLS ○

PHP

Java Programming

C#.NET

NodeJS

PHP Laravel

Java Spring MVC

HTML/CSS/JavaScript

Angular 2 ~ 9

Database Development

Backend Development

Mobile Cross-platform

MySql

Agile Software Development

SOLID Programming Principles

Object-Oriented Programming

Git

iOS Development

Android Development

DevOps

Cloud Computing

Linux Administration

Bash Scripting

Docker

Kubernetes

Helm charts

Gitlab CI

Google Cloud Platform

## 👤 PROFILE

Innovative Software engineer for 9 years with strong solid programming skills with PHP, C# .NET, Java, JavaScript, NodeJS (2-year), and Linux bash shell programming. Also, I have 4+ years in DevOps Engineer with a strong Linux background and 2+ years of experience designing, implementing, and managing cutting-edge deployment automation of cloud resources.

## 💼 EMPLOYMENT HISTORY

### Software Engineer Team Lead at Eye ADV, Cairo
February 2018 — Present

Working on web applications development using PHP Laravel Framework and Angular for the front-end. Also, mobile cross-platform apps using "Ionic Framework" for iOS and Android. Also working as a DevOps engineer in designing, implementing, and managing cutting-edge deployment automation of cloud resources.

**Responsibilities**

- Automated deployments for cloud servers using Bash
- Rewrote shell deploy scripts, reducing deployment times from 5+ hours to less than 2 minutes
- Implemented CI/CD process using Gitlab CI for the global development team, allowing for dozens of code updates per hour with zero downtime.
- Managed Git repositories and permissions, including branching and tagging
- Oversee the technologies, tools, and techniques used within the team.
- Work closely with the business and Engineers on issues related to design and requirements.
- Ensure those development standards, policies and procedures are adhered to.  Drive change to implement efficient and effective strategies as advised by management.
- Develop and implement IT standards and procedures to aid in the development of high-quality software. Ensure that all Engineers within the team understand and follow existing IT standards.
- Work closely with other team leaders and development teams when necessary to create software that is cohesive.
- Work closely with peers in the business to fully understand the business process and requirements.
- Gain enough business knowledge to be able to actively participate in specifying software solutions for business needs.
- Ensure that all software developed within your team satisfies the business requirements as specified.
- Ensure that projects are accurately estimated and delivered to schedule. Show flexibility to respond to the changing needs of the business.
- Actively contribute to the process of continual improvement, with regard to self, team, and systems.
- Search for new technologies and new coding procedures.
- Review the developer's code.
- Work as a developer in challenging tasks.

### Senior Software Engineer at Eye ADV, Cairo
January 2017 — January 2018

### Full Stack Developer at Eye ADV, Cairo
January 2014 — December 2016

Create cross-platform mobile Applications using HTML on Cordova and ionic angular framework. also, create the web applications and its front-end based on angular.

**Freelance Software Developer, Cairo**
December 2011 — December 2017

Create a Web Application with C#, ASP.NET, & MVC.

Create HTML5 websites.

**Freelance Software Trainer, Cairo**
2013 — November 2020

freelancer software trainer at many training companies and these are some of my thought courses:

- C# .Net Programming basics (40 hours) (2013) at NAT port-said
- Android and Java course (60 hours) (2014) at NAT
- Microsoft Official Training
  - 20486-D: Developing-ASP-NET-Core-MVC-Web-Applications. (8-days) (2019) at Hero-Tech Cairo
  - 10961: Automating Administration With Windows PowerShell (3-days) (2020) at New Horizon Cairo
  - 20483-C: Programming-in-C#. (2020) at CompanyMe Cairo
  - 20480-C: Programming in HTML5 with JavaScript and CSS3. (2020) at CompanyMe Cairo
  - 20486-D: Developing-ASP-NET-Core-MVC-Web-Applications. (2020) at CompanyMe Cairo

- PHP & Laravel Web Development (80-hours) (2020) at AMIT Learning Cairo

★ PROJECTS

**Home Care Mobile App, Eye ADV**
December 2019 — December 2019

- Danone Nutricia Home Care Mobile App
- Technologies Used: PHP Laravel & MySql backend as a plugin inside Woocommerce wordpress, Ionic 3, DevOps: Gitlab-CI, docker, Google Cloud Platform.
- Play Store Link
- Apple Store Link

**Ezz-eldeen Pharamcies, Eye ADV**
December 2019 — December 2019

- E-Commerce mobile application based on woo commerce and WordPress for requesting the medicines form Pharmacy consists of 50-branches in Egypt.
- Technologies Used: PHP Laravel & MySQL backend as a plugin inside Woo-commerce WordPress, Ionic 3, DevOps: Git-lab-CI, Docker, Google Cloud Platform.
- Live-chat module: Java Spring, MongoDB, Angular 9,  and stomp-js for ionic mobile.

**Quintiles-IMS iHRegistry, Eye ADV**
July 2016 — Present

- Patient Profile App running on 15 hospitals in Iraq as a client-side syncing it's data to the main server.
- Technologies Used: PHP Laravel & MySQL backend, Angular 4 frontend with electron to run on windows, DevOps: Gitlab CI, docker, Kubernetes Clusters, Google Cloud Platform

- DevOps Tasks:
  - Create a setup project to automate the installation of application components in easy steps.
  - Create updater service to auto-update the application on the client-side.
  - Configure synchronization services between client PC and main server
  - Automate deployment based on source code branches to the production server or the testing server.

### Moodle LMS, Eye ADV
December 2019 — December 2019

- Learning Management System based on Moodle LMS with some client customization.
- DevOps; Automate the deployment using GitLab-CI and Google Cloud Compute Engine, And scale up & down the resources based on the number of users.

### E-Permission, Eye ADV
December 2019 — Present

- E-permission auto signature app to collect signatures from doctors using the iPad app
- Technologies Used: PHP Laravel & MySql backend, Angular 4 frontend, DevOps: Gitlab CI, docker, Kubernetes Clusters, Google Cloud Platform.

### RTE, Eye ADV
December 2015 — Present

- Rep Triggered Email system to track emails that are sent by medical reps to doctors.
- Technologies Used: PHP Laravel & MySql backend, Angular 4 frontend, DevOps: Gitlab CI, docker, Kubernetes Clusters, Google Cloud Platform.
- Start and Configure the mail server on Linux OS.
- Deploy by docker container.

### El-Schoola, Freelance
December 2017 — Present

- Online school system
- Link: https://elschoola.com

### B2B, Freelance
December 2019 — Present

A small CRM system builds on the Laravel framework to manage employee's attendance, suppliers, clients, projects, and invoice collecting.

### web based application, Port-Said
June 2013 — February 2014

web-based ASP.NET application for constructing company to manage projects supplies, expenses, daily worker cost and calculate projects revenue

## 🎓 EDUCATION

### Bachelor of Faculty of Arts Sociology Department, Mansoura University, Mansoura
September 2005 — September 2009

### Professional Training Scholarship Program, Object Oriented Programming, MCIT, Port-Said
October 2010 — November 2011

- **Berlitz** - English language (until level four - 240-hours)
- Advanced Interpersonal Communication (21-hours)
- Effective Presentations (21-hours)
- Time Management (14-hours)
- Stress Management (14-hours)
- Object-Oriented Programming (C#.Net Programming Language) (640-hours)

## ✦ COURSES

**DevOps Foundations: Continuous Delivery/Continuous Integration, Lynda**
December 2016 — December 2016

**Kubernetes: Native Tools, Lynda**
January 2017 — January 2017

**Learing Ansible, Lynda**
January 2017 — January 2017

**Oracle Database Administrator (O-DBA), Next**
2016 — 2016

**ITIL, HEROTEC**
2017 — 2017

**Leadership & Presentation Skills , ORASCOM TRAINING & TECHNOLOGY**
2012 — 2012

**Train of Trainer (T.O.T Course in Soft skills field), ORASCOM TRAINING & TECHNOLOGY**
2012 — 2012

**Training on communication skills, DR. Ibrahim Elfiky**
2008 — 2008

**Oracle Database Oracle Certified Programmer, Next**
2009 — 2009

## ★ CERTIFICATES

**MCPD, Port-Said**
October 2011 — October 2011

Microsoft Certified Professional Developer (MCPD)

**MCPD – Windows developer 3.5, Port-Said**
August 2011 — August 2011

Microsoft Certified Professional Developer (MCPD) – Windows developer 3.5

**MCTS – Windows Presentation Foundation, Port Said**
August 2011 — August 2011

Microsoft Certified Technology Specialist (MCTS) – Windows Presentation Foundation

**MCTS – Windows Forms Application, Port Said**
July 2011 — July 2011

-Microsoft Certified Technology Specialist (MCTS) – Windows Forms Application

**MCIT Professional Training Scholarship Program, Port Said**
December 2011 — December 2011

**MCIT** Professional Training Scholarship Program with Grade Excellent (910/1000)

**Effective Communication Skills , Port Said**
June 2008 — June 2008

Effective Communication Skills From DR. Ibrahim Elfiky

**Web Developer Achievement, Cairo**
February 2012 — February 2012

Achievement Certificate in Web Developer with Microsoft Visual Studio 2010 .NET 4.0 (NEN-National Education Network).

**T.O.T Certificate, Cairo**
March 2012 — March 2012

Train of Trainer Certificate (NEN- National Education Network)

**Leadership & Presentation Skills Achievement, Port Said**
October 2020 — October 2020

Leadership & Presentation Skills Achievement Certificate (ORASCOM OTT)

**T.O.T Achievement Certificate (ORASCOM OTT), Port Said**
August 2012 — August 2012

Train of Trainer Achievement Certificate (ORASCOM OTT)

**Intel Ideation Camp, Cairo**
May 2014 — May 2014