

EXECUTIVE SUMMARY

A **Full Stack Developer** with 17 years of full time experience. A Master degree in Information Technology from University of Liverpool -2017. Have a lot of solutions for frontend and backend (API) challenges from my long experience which save a lot of time and produce a clear tasks and time frame. Testing first with: Unit Testing, TDD Test-Driven Development, BDD Behavior-Driven Development, CI Continuous Integration & CD Continuous Deployment. An adaptable key developer for problem solving in a small team environment.

FUNCTIONAL EXPERTISE

- [Java, C#, Ruby, Python, Erlang, Elixir]
- [ASP.NET, Ruby on Rails, Django, Phoenix]
- [Github, Chef, Docker, Travis CI, Jenkins]
- [SQL Server, Oracle, Mysql, Postgresql]
- [JQuery, Backbone, Underscore, TypeScript, Angular, ES6, React, Redux, Ember, Vue, Elm]
- [Bootstrap, Sass, Less, Highcharts, CoffeeScript]
- [AWS, Heroku, MacOS, Ubuntu, Debian]

FUNCTIONAL EXPERTISE DEMONSTRATED

T3LAM

June 2017 - Present

A startup company *with a new great online communication idea between experts and immediately requests.*

Freelance Web Developer (contract, Riyadh-Saudi Arabia)

A short time contract to finish the development and train other developers.

- **Full stack developing:** Erlang + Elixir + Phoenix + Elm.

PRO CONSULTATION

Feb 2010 – May 2017

A software and consulting company for governmental and big hospitals' medical solutions.

Full Stack Developer (full time)

7 years of lovely developing a huge medical quality application with a great team of 5 developers.

- **Full stack developing:** for main medical web application in the company, which built by Ruby on Rails/Highcharts/ES6/React.js/PostgreSQL and we rebuilt some modules with: Elixir/Phoenix/Vue.js/PostgreSQL to improve the performance.
- **Testing and deploying:** BDD, RSpec and Capybara for testing. Travis CI with Github and Heroku for continuous integration and automatic deploys.
- **Code reviewing:** another internal web applications with: Python/Django/Django Rest Framework /JWT/PostgreSQL for Back-End. Angular/Angular-cli/Angular material2/angular flex-layout for Front-End.
- **Maintaining ERP:** debugging and adding features to a local **Odoo ERP** system with Python/JQuery.

MINISTRY OF LABOR AND SOCIAL DEVELOPMENT - MLS - KSA

Jan 2008 – Jan 2010

Quality department in The Ministry of Labor and Social Development in Saudi Arabia.

Full Stack Developer (full time, Riyadh-Saudi Arabia)

Developing an internal web Application for quality department to manage and automate internal process.

- **Full stack developing:** C#/ASP.NET MVC/Bootstrap/JQuery/SQL Server.
- **Project presenter:** Explain the quality automation project in big conferences and meetings.

Al Blagha Group (THE MARITIME CO. FOR NAVIGATION)

Jan 2007 – Des 2007

A famous Saudi company in maritime transportation with 450 employees.

Assistant IT manager (full time, Riyadh-Saudi Arabia)

Doing IT staff work plus managing a small developers team.

- **Web developing:** Developing internal applications for Marine Transportation with JSP, JSF and Ruby on Rails.
- **IT daily work:** Oracle database administration, Networking and maintenance.

[Bibliotheca Alexandrina](#)

Jan 2006 – Des 2006

A major library and cultural center located on the shore of the Mediterranean Sea.

.NET Developer & Oracle Developer (full time, Alexandria-Egypt)

A key developer in a library project of duplicate the library with soft copy.

- **Web developing:** ASP.net/C# web application for Alexandria Library.
- **Oracle Developer:** Oracle PL/SQL.

[Nozha IT](#)

Jan 2000 – Des 2005

A software house which developing a software for NOZHA GROUP in Cairo, Egypt.

.NET Developer (full time, Cairo-Egypt) | A junior.NET developer in a team of 4 developers.

- **Full stack developing:** HTML/CSS/JavaScript - ASP and ASP.NET/C#.

VOLUNTEERISM

STC – Role: Teaching free computer courses and give advices to 250 new computer science university students to make them able to choose their suitable department. (2007 - 2012)

RELEVANT PROJECTS

PROMITKA: promitka.com | Worked collaboratively in a team of five developers in an advanced web application for managing all quality department duties in small to large hospitals. (2010-2017)

Quality process automation: [Ministry of Labor and Social Development - MLSD - KSA](#) | Developed an internal web Application for quality department to manage and automate internal process. (2008-2010)

EDUCATION

[UNIVERSITY OF LIVERPOOL](#) (UK)

Master of Science in Information Technology with merit

2011 – 2016

Dissertation titled "Intelligent web application for scoring Health Care institutions' quality standards and monitoring dashboard for current and previous scores details" by Ruby on Rails Framework.

Modules: Computer Structures - Professional Issues in Compute - Principles of Marketing - Managing Organisational Resources - Object Oriented Programming - Java - Programming the Internet - Designing & Managing Databases - Comp Communications & Networks.

*I have evaluated my master degree to Canadian master degree with WES.org organization. (WES.org Reference Number: 3388746).

[ALEXANDRIA UNIVERSITY](#) (Egypt)

Bachelor of Laws (LLB)

2003 – 2006

Commercial Law, Maritime Law, Civil Law, Agricultural Law, Criminal Law, Public Finance, The Financial, Tax Legislation, Economic, Private International Law and General International Law.

[THE AMERICAN UNIVERSITY IN CAIRO - AUC](#) (Egypt)

Professional Graduate Certificate in Computer Systems and Applications

2001 - 2002

HTML, CSS, JavaScript, Java, JSP, Oracle, XML, PHP, ASP.NET, C#, MS SQL SERVER, Photoshop ...

OTHER RELEVANT INFORMATION

Certifications: Microsoft Certified Technology Specialist - SQL Server 2005 Specialist - Oracle Certified Associate - Microsoft Certified Application Developer - Microsoft Certified Professional.

Relocate: I'm ready for relocation. Egyptian, working in Saudi Arabia. I need a visa sponsor for other countries.