

# Emad Mokhtar Habib

Software Engineer



## Personal data

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## Skills

**Programming Languages**

Python, Javascript, C#

**Frameworks**

Django, jQuery, ASP.NET

**IDE**

PyCharm, Sublime Text, Atom, Visual Studio

**Database Engines**

PostgreSQL, MongoDB, MSSQL

**Others**

Git, Celery, RabbitMQ, Django REST Framework, NGINX, CodeShip, Bitbucket



## Work experience

**MOTIVA**

**Software Developer**

**November 2014 - Present**

- Develop Web Application & REST APIs using Python and Django framework.
- Write unit test to maintain the code and application quality.
- Planned the required development work and give plan to the project manager or product manager.
- Constantly improving/enhancing the existing code.
- Setup Continues Integration on CodeShip to automate code tests
- Setup Continues Delivery on CodeShip & DeployBot to automate apps deployments.
- Prepared technical assessments for team candidates.

**Arabesque Group**

**Solution Specialist**

**January 2013 - November 2014**

- Designed and developed .NET based software using C# and MSSQL.
- Reported status and progress to Product Manager and/or Project Manager.
- Planned the required development work in collaboration with Product and/or Project Manager.
- Translated design specifications in high-quality technical specifications.
- Created and delivered data-driven reports.
- Checked test results and fixing technical problems/bugs.
- Deployed full version and carrying out final checks before going live.
- Maintained and supported systems once they are up and running.

**CRUX I.T.**

**Software Developer**

**November 2010 - January 2013**

- Design and implementation of .NET based software using C#, VB.net and MSSQL.
- Communicate and document project statuses to management.
- End user training and technical assistance.
- System installation and maintenance.
- Wrote code for development, maintenance, and functionality updates.
- Ensure the application is properly tested before rolling out into live environment.
- Create and deliver data-driven reports.
- Investigate and develop skills in new technologies.



## Projects

**Halaqat**

Simple Django application to manage the Quran leassons in Masjid, it is created to autmotate the process and remove papres from registration, attendnce, and examinations workflow.

**Ma3ana Kam**

Financial system which is dividing the monthly budget into a weekly budget, most of us make budget on monthly basis because we get paid on monthly basis, but imagine your budget will be on weekly basis, it's like every week is new budget and new start, and in order to keep track of the weekly budget you need to know how much you need to spend in a week.

**Creative Job Costing**

It is Django application to manage our customers' creative jobs & our resources, with this application in hands managers can know exactly hours spent & cost of ever job.

**Contrib.FileField**

New version of FileField that compatible with Orchard 1.8, this plug-in is give the administrator to add an upload/attach file to Custom Form. I've updated the old version to be compatible with Orchard 1.8 and add more features.

### Mini-CRM

It is Django application to manage ISP's customer relations and keep tracking of the service jobs, it is easy to use and minimalist app and help the user to focus on the main information.

### ASP.NET WebForms Notification Control

ASP.NET WebForms Notification Control is a free open source ASP.NET Control that display notification to the user and developer can use it from code behind and no need to write JavaScript or front-end code to use it, only drag the control to the ASP.NET page and with one line of code display a notification for the user.

### Cosmic International Website

A company website that have company profile and product catalog, and company e-commerce web application where customer can order company products online.

### Web TimeTel

Time attendance web application built using ASP.NET WebForms with rich user experiences looks like Windows Modern UI "Metro UI", bilingual, and easy to use.



### Education

**Modern Academy:** Bachelor of Computer Science - Honor Excellence

**MongoDB University:** M101P: MongoDB for Developers

**Udacity:** How to Use Git and GitHub



### Certifications

**Microsoft Certified Solution Developer:** Web Applications:

**MCTS 70-483:** Programming in C#

**MCTS 70-487:** Developing Microsoft Azure and Web Services

**MCTS 70-480:** Programming in HTML5 with JavaScript and CSS3

**MCTS 70-486:** Developing ASP.NET MVC 4 Web Applications