

Portfolio - Ahmed Mohamed

Athena2 Project at [The Huffington Post](#)

Website: <https://www.huffingtonpost.com.au/>, <https://www.huffpostbrasil.com/>,
<https://www.huffingtonpost.ca/>, <https://www.huffingtonpost.de/>, <https://www.huffingtonpost.es/>,
<https://www.huffingtonpost.fr/>, <https://www.huffingtonpost.gr/>, <https://www.huffingtonpost.in/>,
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<https://quebec.huffingtonpost.ca/>, <https://www.huffingtonpost.co.za/>,
<https://www.huffingtonpost.co.uk/>

Description:

I worked at [The Huffington Post](#) which is a subsidiary of [AOL](#) company on Athena2 project to migrate the international versions of the well known news website [huffingtonpost.com](#) to a new platform that used PHP as a back end language, along with Twig template front end engine and Node.js with Gulp as front end build system and Sass as stylesheet language, and it was hosted with AWS.

I worked with an international distributed team, solved tickets/issues on the JIRA issue tracking system, we helped find and fix bugs based on support tickets that were reported by editors and authors.

I created editor plugins, using vanilla JavaScript, jQuery and a custom JavaScript framework that's developed by AOL engineers.

I used Node.js, Phantom.js along with Casper.js to create a custom test framework for regression testing before deployment, I also created test cases to monitor site performance on Catchpoint monitoring system, we also integrated third party services, advertisers and trackers plugins.

Technologies used: Node.js, JavaScript, JQuery, Gulp, HTML, CSS, SASS, PHP, Twig, PhantomJS, CasperJS, Git, JSON, XML

Screen Shots



130

Here's How Different Types Of Coffee Drinks Impact Your Body And Brain



QUIDO MIEH VIA GETTY IMAGES

If you're a [coffee](#) drinker, you know there's nothing more blissful than that first sip of hot (or iced) coffee in the morning. Sure, it tastes delicious, but that's the least of it: With coffee running through your veins, you suddenly feel energized enough to take on the day ahead.

Most studies have found that coffee is also pretty good for your health. As long as you're not overdoing it (by that we mean more than six cups per day), [coffee](#) [has been correlated with](#) decreased risk of heart disease, stroke and Type 2 diabetes. And some research has found it could even decrease your [risk of depression](#).

So we know — thankfully — that most of us don't have to give up coffee. But

Anniversary Of His Death

Sydney Activist Wins Appeal Over Offensive Tony Abbott Sign

12 Everyday Foods Which Contain Magnesium

How Long It Takes To Lose Weight (And How To Do It Properly)

The Ultimate Vegan Cheese Taste Test

Here's How Much Fibre Is In 20 Common Foods

What 2,000 Calories Looks Like In One Day Of Meals

How Long It Takes To Gain Weight After Overeating

Reasons Why You Gained Weight All Of A Sudden

EN POURSUIVANT VOTRE NAVIGATION SUR CE SITE, VOUS ACCEPTEZ L'UTILISATION DE COOKIES POUR VOUS PROPOSER DES CONTENUS ET SERVICES ADAPTÉS À VOS CENTRES D'INTÉRÊTS ET NOTRE POLITIQUE DE CONFIDENTIALITÉ. EN SAVOIR PLUS ET GÉRER VOS PARAMÈTRES

EDITION

FR

HUFFPOST

POLITIQUE

ÉCONOMIE

INTERNATIONAL

CULTURE

LE BON LIEN

C'EST LA VIE

LE HUFFPLAY

PLUS



404

Ça pique les yeux

HUFFPOST

EN ASSOCIATION AVEC LE JOURNAL Le Monde

Votre publicité

Mentions légales

FAQ

Cookies

Conditions d'utilisation (Actualisée)

RSS

Confidentialité (Actualisée)

Charte des commentaires

À propos de nous

À propos des annonces publicitaires

Nous contacter

EDITION

AU

HUFFPOST

NEWS

POLITICS

ENTERTAINMENT

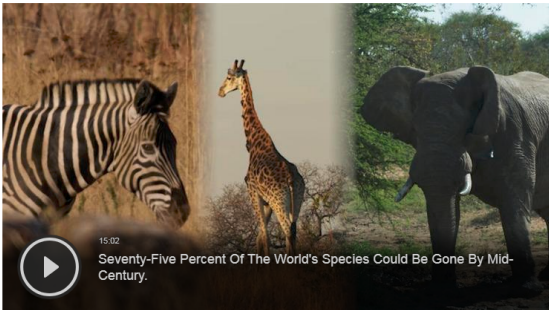
SPORT

REFRESH

TECH

FOOD

MORE



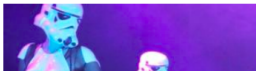
15:02

Seventy-Five Percent Of The World's Species Could Be Gone By Mid-Century.

FEATURED







La3eb

Website: <https://la3eb.com/>

Description:

Working remotely at La3eb, which is a gaming hub, shop and social media platform for gamers community.

Setup of a 24 x 7 site with 99.99% availability across more than one geographical availability zone, with cross browser compatibility.

Understand the current architecture considering the current stack (Magento 2, Node.js Front End frameworks), design and suggest improvements and support architectural decisions.

Learn, Design & Develop technical solutions that cater to the business needs using Node.js with Express.js framework.

Use Nest.js, PostgreSQL, Prisma ORM, to develop a microservice for playmate matching between gamers, that's used by Android and IOS Apps.

Use the best practices of developing Server Side Rendered and Single Page Applications using React.js and Next.js frameworks.

Support CTO for technical team management activities such as feedback, code review and task assignment.

Application debugging, performance profiling and performance optimization at scale.

Proposal and evaluation of services and external libraries to be integrated into the applications, through the development of POCs.

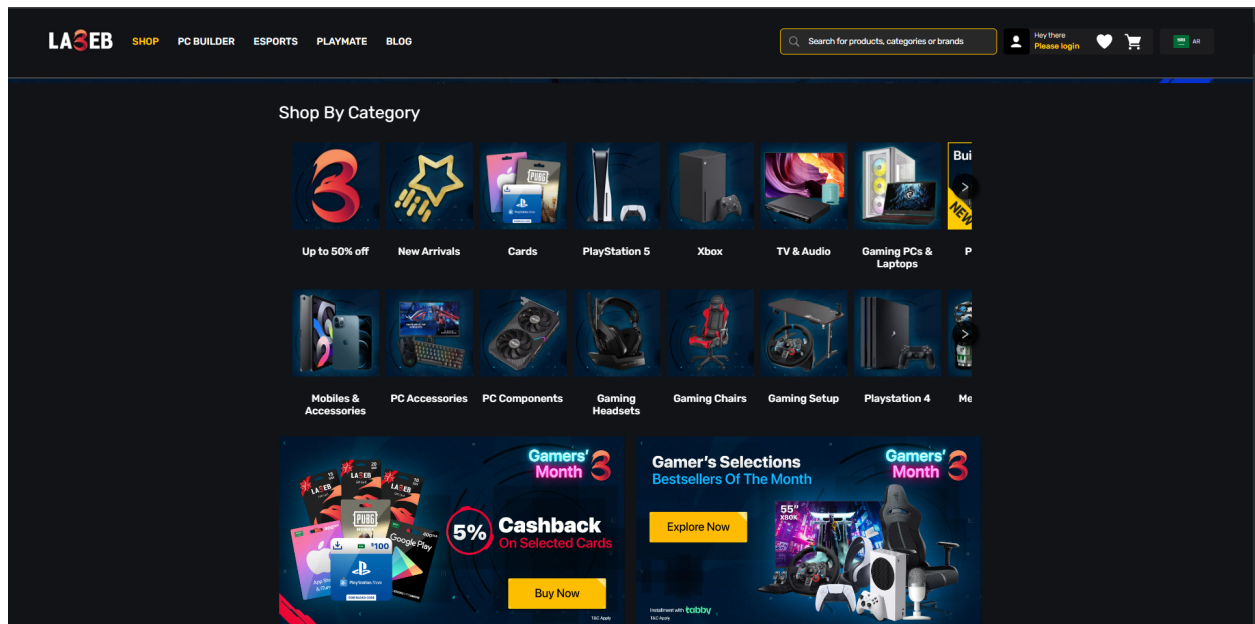
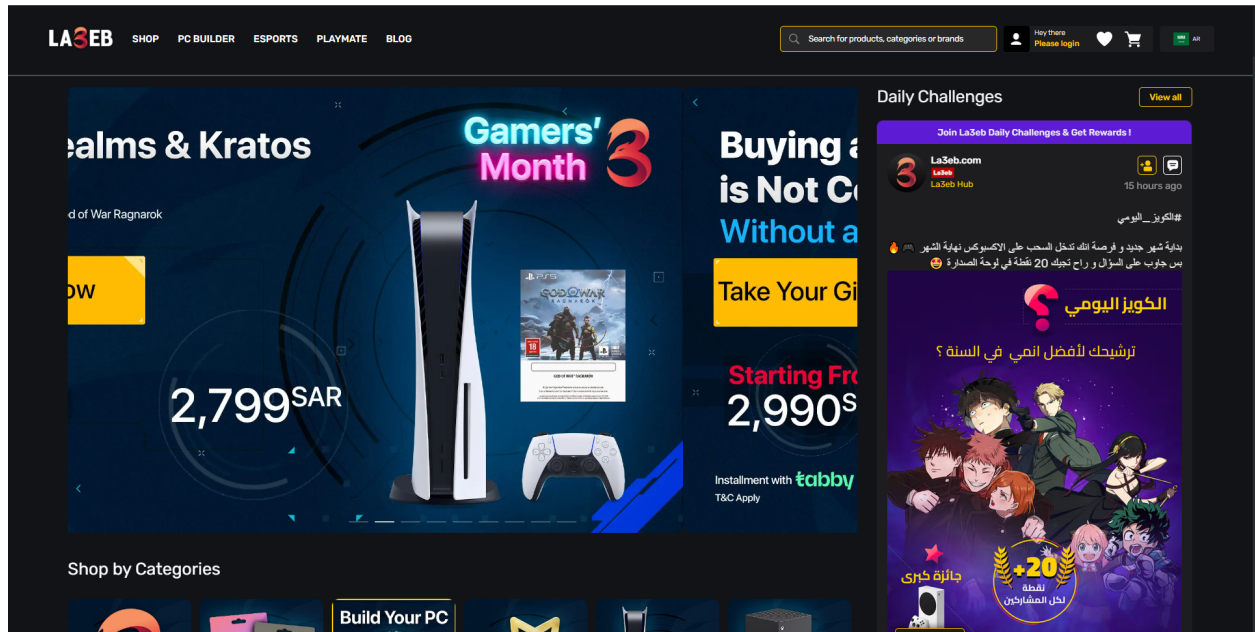
Convert designs in Figma and Zeplin to a pixel-perfect front end HTML/CSS code.

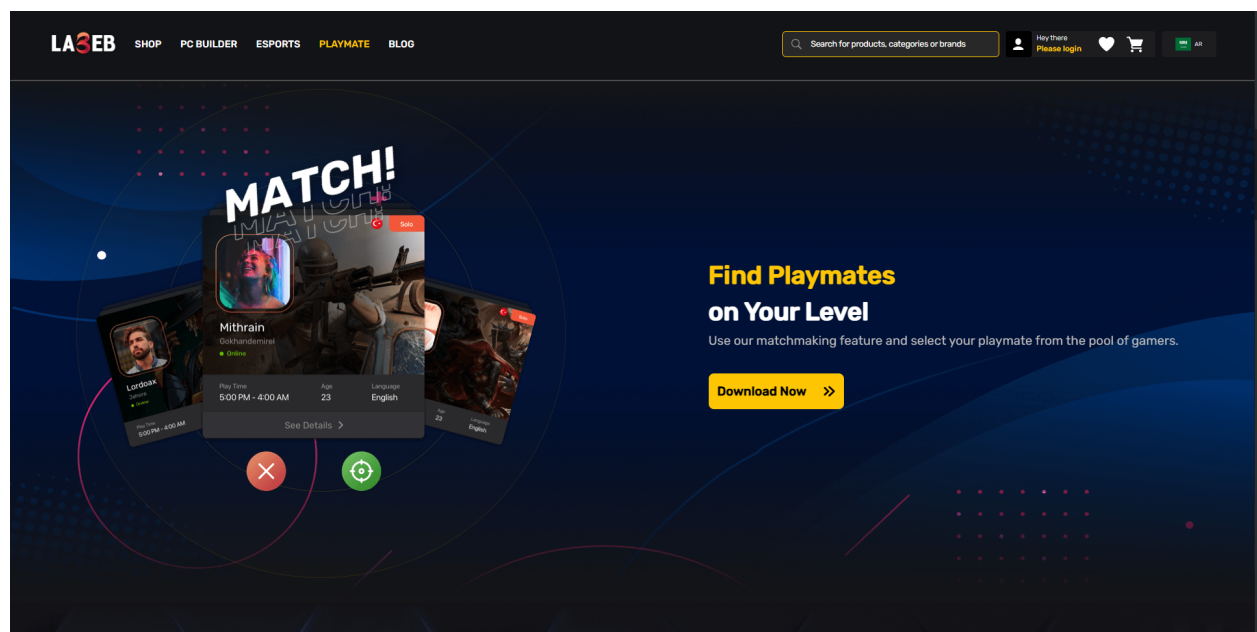
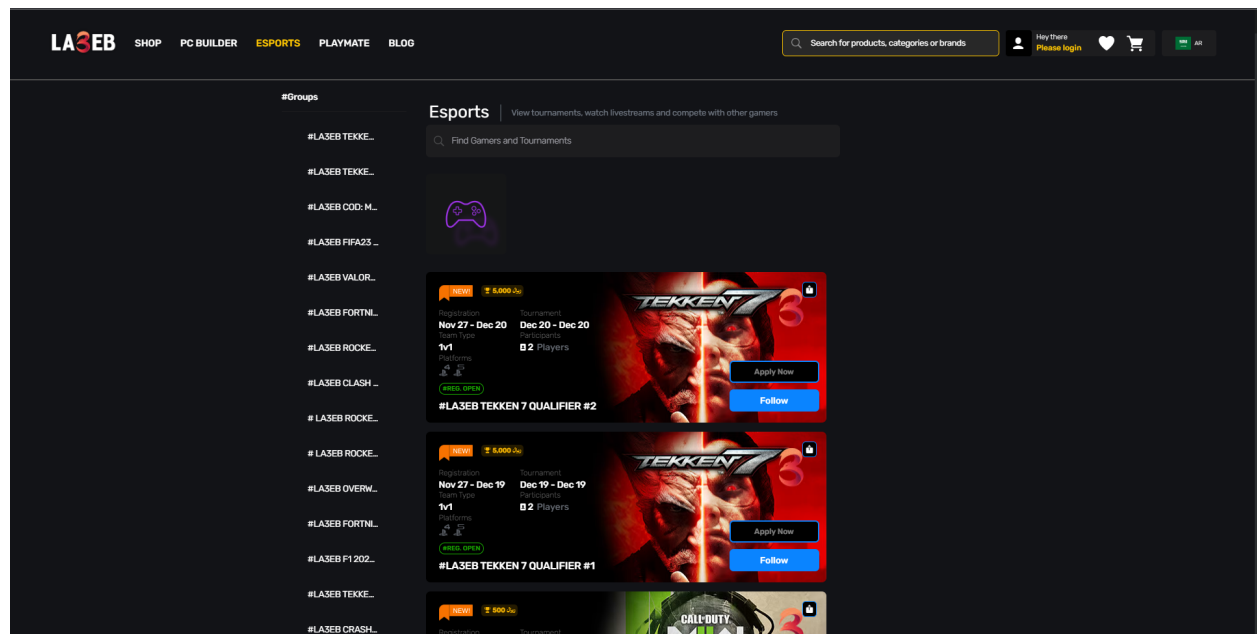
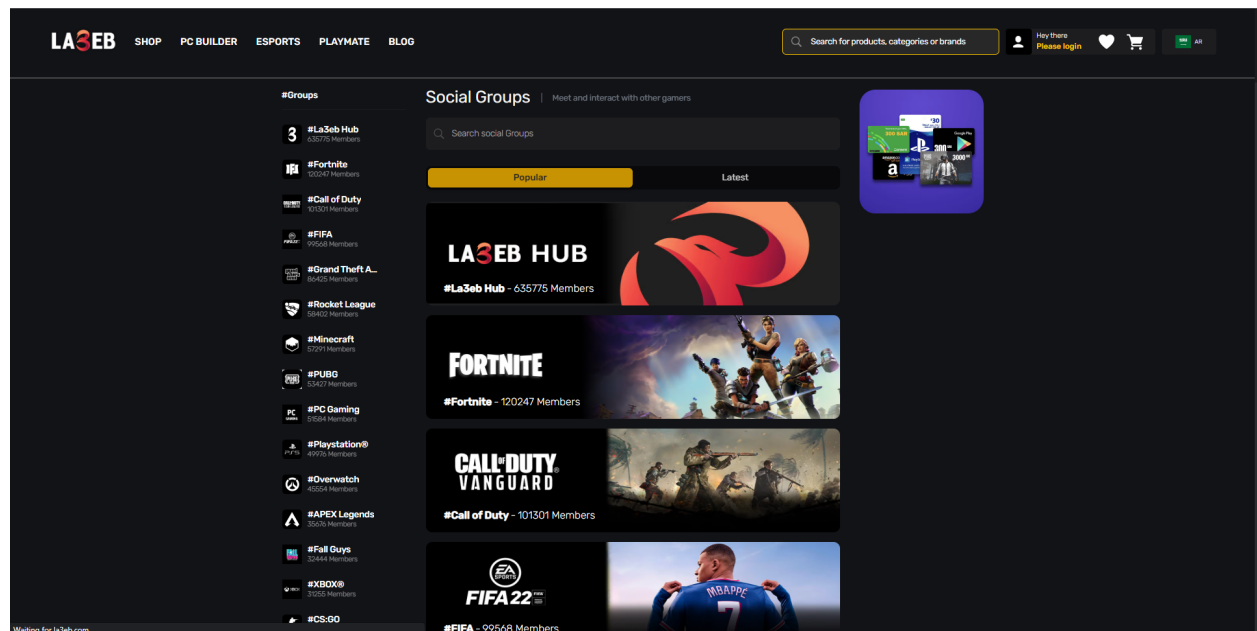
“Web-speed” development to have a good Page Speed Insights index.

Daily review of code developed and related critical evaluation, with particular attention to UX, stability and performance issues.

Technologies used: Node.js, JavaScript, React.js, Next.js, Redux, JWT, Nest.js, Prisma ORM, PostgreSQL, Redis, Kafka, Docker, Gitlab.

Screen Shots





Klixoft Project

Website: <http://sms.ahmed-mohamed.com/>

Description:

I developed a School Management System which I built for a client who was a school principal in Jamaica called [Camperdown High School](#), which meets all schools needs as it manages all school sectors (rooms, classes, departments....etc) and school users (teachers, students, principals,.....etc).

The entire back end was developed from scratch using PHP, and for front end I have used jQwidgets to speed up the work, along with some jQuery plugins.

It has a part for managing school users (teachers, students, principals,.....etc), where all of them will have his/her own profile, as well as his/her own user account.

Also, it has the following features:

- Time Table for (students, teachers), as any of them can view his time table.
- Time Table has auto generation feature, which creates random sessions for specific teacher/class.
- Disciplinary section which records the offences of a specific student.
- Book room section for student's books to be received at the beginning of the academic year, then returned back at the end of it.
- Library section for management of borrowed books.
- Infirmary part for nurses who record all medical complains from the students.
- Report page which shows information about the student and the school system as well as the grades of the student exams during the semester.

Technologies used: PHP, JavaScript, JQuery, JQwidgets, HTML, CSS, MySQL, Apache, Ajax, XML, JSON

Screen Shots

The screenshot displays the 'Student management' web application. The top navigation bar includes links for Users Management, School Management, Disciplinary, Book Room, Library, Infirmary, Report, Profile, and Logout. The user is logged in as 'Super Admin, superadmin'. The main content area shows a profile for a student named 'sample' (Ahmed Hamed) with details like Class (7M), guardian (Alton Graham), and guardian number (123456). Below the profile is a table listing other students with columns for ID, User Name, First Name, Last Name, E-mail, Class, Num, guardian Name, guardian Num, Lib mem, and Delete. The table contains 13 rows of student data.

ID	User Name	First Name	Last Name	E-mail	Class	Num	guardian Name	guardian Num	Lib mem	Delete
1	sample	Ahmed	Hamed	someone@e...	7M	2147...	Alton Graham	123456	☒	
3	13-8A-00...	Injnknk	BARNES	someone@e...	7R	2147...	Alton Graham	123456	☐	
5	13-8A-00...	KUBA	CASSELLS	someone@e...	8A	2147...	Alton Graham	123456	☐	
6	13-8A-00...	CHLOE	CHAMBERS	someone@e...	8A	2147...	Alton Graham	123456	☐	
7	13-8A-00...	SASHAE	COOPER	someone@e...	8A	2147...	Alton Graham	123456	☐	
8	13-8A-00...	JADA	DOUGLAS	someone@e...	8A	2147...	Alton Graham	123456	☐	
9	13-8A-00...	SHANIA	EDWARDS	someone@e...	8A	2147...	Alton Graham	123456	☐	
11	13-8A-00...	DAENA	FOSTER	someone@e...	8A	2147...	Alton Graham	123456	☐	
12	lolof	DANIELLE	GOODEN	someone@e...	8A	2147...	Alton Graham	123456	☐	
13	13-8A-00...	ROMONA	GORDON	someone@e...	8A	2147...	Alton Graham	123456	☐	

Users Management School Management Disciplinary Book Room Library Infirmary Report Profile Logout Super Admin, superadmin					
KLIXOFT Time Table For 7M Print Reset Reset All Fri Jan 11 2019 9:44:01 Pm					
7AM	Monday 07:00 am to 07:30 am registration	Tuesday 07:00 am to 07:30 am registration	Wednesday 07:00 am to 07:30 am registration	Thursday 07:00 am to 07:30 am registration	Friday 07:00 am to 07:30 am registration
8AM			08:20 am to 08:40 am teachermrk.subjectAccounts.room7C	08:20 am to 08:30 am teacherivestcut.subjectAccounts.room7C	
9AM		08:50 am to 09:30 am teacherivestcut.subjectAccounts.room7A			
10AM					
11AM					

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Users Management School Management Disciplinary Book Room Library Infirmary Report Profile Logout Super Admin, superadmin	
KLIXOFT Profile of superadmin Fri Jan 11 2019 9:57:46 Pm	
Profile Picture  KLIXOFT school solutions Change picture	Profile Information User Type: Super Admin User Name: superadmin Last Name: Graham ID: 1 First Name: Alton E-mail: alton@klisoft.com Change Password
Overview Personal Qualifications Post Information Employment Info	
Date of birth : Email Address : Mobile Number : Mobile provider : Address : City/Town : Parish : 1991-10-01 alton@klisoft.com 1274650000 lime Haram, Giza Town	

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Users Management School Management Disciplinary Book Room Library Infirmary Report Profile Logout Super Admin, superadmin					
KLIXOFT Report of sample ← → Fri Jan 11 2019 10:08:11 Pm					
Term: Second (summer). Year: 2013-2014 Start Date: Mon November 3 2014 End Date: Sat November 22 2014					
Student Information Name of Student: Age: Attendance: Sessions Late: Detentions: Ahmed Hamed 27 Sessions Absent: Probation: Suspension: 2 3			Form Information Form: No. in Form: Student Average: Form Average: Academic Rank: House: 7M 1 Good		
Subject	Term (30%)	Exam (70%)	Final (100%)	Comment	Initial
English	25	60	85	Good Performance!	A.G.
Accounts	10	25	35	Need to improve	W.C.
Principles of Business	20	50	70	Average Performance	A.H.

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LibertyCapz Project

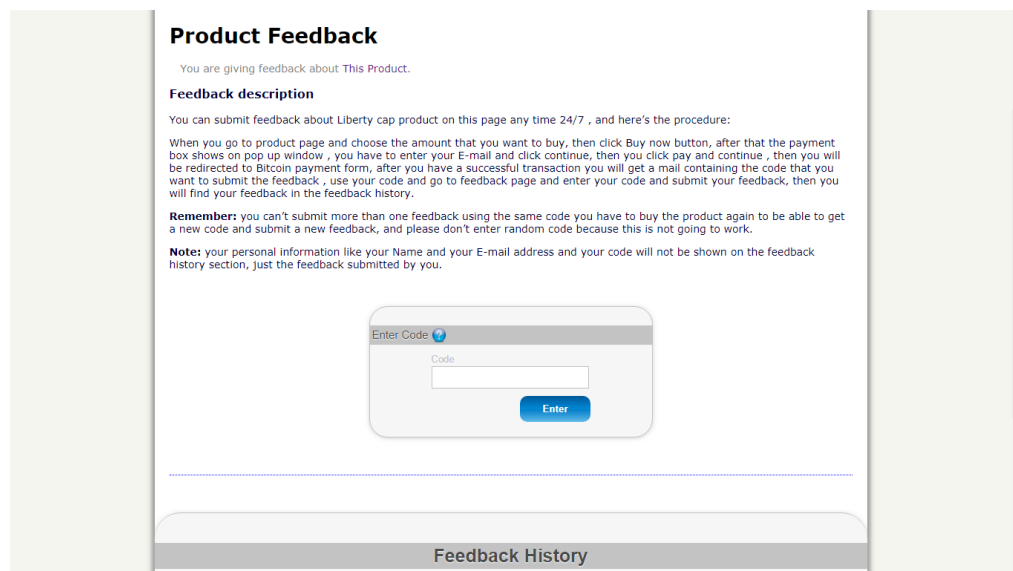
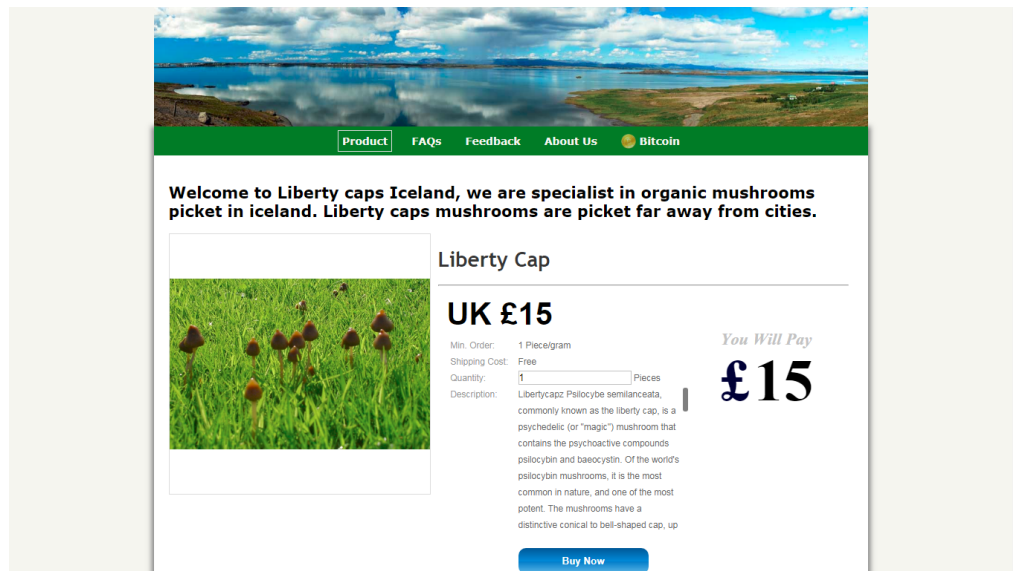
Website: <http://libertycap.ahmed-mohamed.com/>

Description:

I Developed and designed a simple E-Commerce website where it was meant to sell a product for my client, then providing feedback by customers later, it was developed from scratch under LAMP stack, I have integrated this payment gateways [script](#).

Technologies used: PHP, JavaScript, JQuery, HTML, CSS, MySQL, Apache

Screen Shots



Charity Organizations Project

Website: <http://charity.ahmed-mohamed.com/>

Description:

This site is meant for management of charity organizations here in Egypt, and its bilingual (English, Arabic), so it supports RTL layout as well, but it's not finished yet.

Here I started to level things up using the awesome laravel framework, I have used Laravel 4.2 alongside with Foundation frontend framework.

Technologies used: PHP, JavaScript, JQuery, JQwidgets, HTML, CSS, MySQL, Apache, Ajax, XML, Laravel 4.2, Foundation

Screen Shots

Charity About Us Contact Us Language

Welcome to Charity

Please Login

User Name
admin

Password

☒ Remember me

Login

© Copyright to charity

Facebook Twitter

Charity Users Cases Ngos Periods Reasons Ngo-case Language Welcome Admin

Add new user

ID	User Name	E-mail	National_ID	NGO	Mobile No 1	Mobile No 2	Edit	Delete
1	Admin	enghamed126@gmail.com	12345678915555	gam3ya	0123565442	0654245445	Edit	Delete

© Copyright to charity

Facebook Twitter

Online Exam Creator Project

Website: <http://sha3er.ahmed-mohamed.com/>

Description:

I made this site for a friend of mine to help him accomplish his tasks in a smarter way, as he was meant to create exams for his students, and instead of making it the manual way, he can insert questions ahead, next when creating an exam he can choose the exam questions from the question bank.

This time I decided to use Bootstrap instead of foundation as a frontend framework Furthermore, I upgraded to Laravel 5.

Each exam has its own page where it can be previewed as PDF format or downloaded, also there is an exams history page which shows all exams created by the system.

Technologies used: PHP, JavaScript, JQuery, JQwidgets, HTML, CSS, MySQL, Apache, Ajax, XML, JSON, Laravel 5.0, Bootstrap

Screen Shots

The screenshot displays the Sha3er Online Exam Creator web application. The interface features a blue header with the Sha3er logo and navigation links for Exams and Questions. Below the header, there is a form to create a new exam, including fields for 'Select Group Name' and 'Exam Name', and a 'Create Exam' button. On the left, a sidebar lists categories: All Questions, GIT, Special, and General surgery. The main content area shows a list of questions with their text and multiple-choice options. Each question has an 'Edit' button next to it. The questions are as follows:

- Mortality from rupture liver is about**
 - a. 5%
 - b. 20%
 - c. 40%
 - d. 50%
- Which of the following statements is false?**
 - a. Blunt trauma is often associated with splenic, mesenteric and renal injuries.
 - b. Penetrating trauma is often associated with pericardial or chest injuries
 - c. CT scan must be carried out in every case of liver trauma
 - d. Laparoscopy as an investigation has a role.
- Which of these statements is NOT true?**
 - a. Blunt injuries are usually treated conservatively.
 - b. Penetrating injuries should be explored
 - c. Severe crush injury is ideally treated by packing
 - d. A subcapsular or intrahepatic haematoma requires urgent laparotomy.
- A 20-year-old man is brought to the emergency department with a gunshot wound to the abdomen. His blood pressure is 70 systolic and his heart rate is 140 beats per minute (bpm). He is taken directly to the operating room for an exploratory laparotomy. A large, actively bleeding liver laceration is found. A Pringle maneuver is performed as part of the procedure to control his bleeding. The pringle maneuver compresses which structures?**
 - a. Portal vein, hepatic vein, and hepatic artery
 - b. Portal vein, hepatic artery, and cystic artery
 - c. Portal vein and hepatic artery
 - d. Portal vein, hepatic artery, and CBD
 - e. Cystic artery, cystic duct, and CBD
- A patient with traumatic liver laceration was successfully operated upon. Three weeks later, he presented with massive hematemesis. The most probable cause is:**
 - a. Erosive gastritis.
 - b. Bleeding esophageal varices
 - c. Mallory-Weiss syndrome

Select Group Name

Exam Name

Create Exam

All Exams History

ID	Group Name	Exam Name	Created At	view
	Please Choose:			
1	Others	Liver	Sunday, April 19, 2015 7:20:22 AM	View Exam
2	Others	GB & OJ	Sunday, April 19, 2015 8:33:01 AM	View Exam
3	Kasr	Biliary	Sunday, April 19, 2015 5:55:11 PM	View Exam
4	ssbjbdsk	zbas	Sunday, April 19, 2015 6:44:31 PM	View Exam
5	Ain Shams	Dr.Yasser	Monday, April 20, 2015 9:23:41 PM	View Exam
6	Ain Shams	Infections , Salivary , Testis , Endocrine	Tuesday, April 21, 2015 6:59:56 AM	View Exam
7	Others	Hernia	Tuesday, April 21, 2015 8:12:54 AM	View Exam
8	Others	Intestine	Tuesday, April 21, 2015 12:45:14 PM	View Exam
9	Ain Shams	Hepatobiliary	Tuesday, April 21, 2015 11:35:59 PM	View Exam
10	Others	Neurosurgery MCQs	Friday, April 24, 2015 11:29:36 PM	View Exam
11	Others	PLASTIC MCQs	Monday, April 27, 2015 8:53:43 AM	View Exam

Select Group Name

Exam Name

Create Exam

Exam Details:

Group Name: Others

Exam Name: Liver

Exam ID: 1

Created At: 2015-04-19 07:20:22

Preview

Download

Send

1.

Mortality from rupture liver is about

a. 5%

b. 20%

c. 40%

d. 50%

Edit

Select Group Name

Exam Name

Create Exam

Edit Question

A 20-year-old man is brought to the emergency department with a gunshot wound to the abdomen. His blood pressure is 70 systolic and his heart rate is 140 beats per minute (bpm). He is taken directly to the operating room for an exploratory laparotomy. A large, actively bleeding liver laceration is found. A Pringle maneuver is performed as part of the procedure to control his bleeding. The pringle maneuver compresses which structures?

Answer A

Portal vein, hepatic vein, and hepatic artery

Answer B

Portal vein, hepatic artery, and cystic artery

Answer C

Portal vein and hepatic artery

Answer D

Portal vein, hepatic artery, and CBD

Answer E

Cystic artery, cystic duct, and CBD

GT

Liver

Trauma

News Portal Project

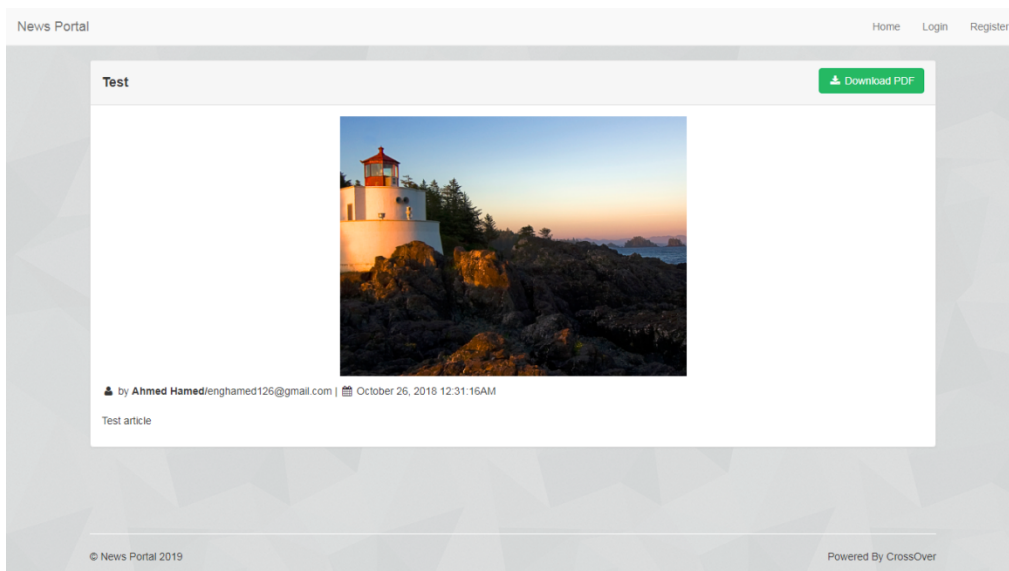
Website: <http://news-portal.ahmed-mohamed.com/>

Description:

I created a news portal, which lists the most recent ten news in the home page news feeds, with RSS support, you can sign up and start adding news to appear in the news feeds, it was developed using Yii 2.0 framework.

Technologies used: PHP, JavaScript, JQuery, HTML, CSS, MySQL, Apache, Ajax, XML, JSON, Yii 2.0, Bootstrap

Screen Shots



IMTSchool Project

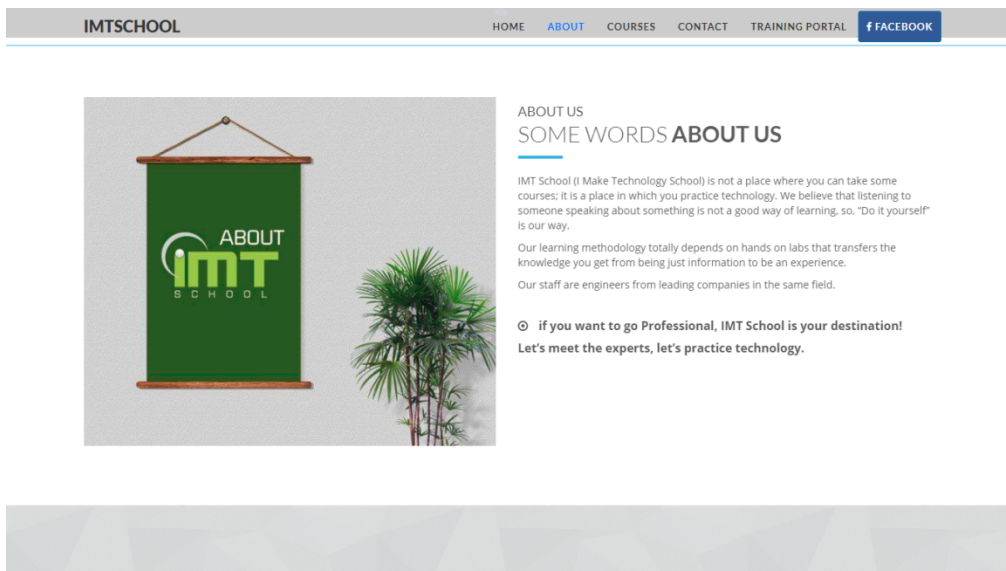
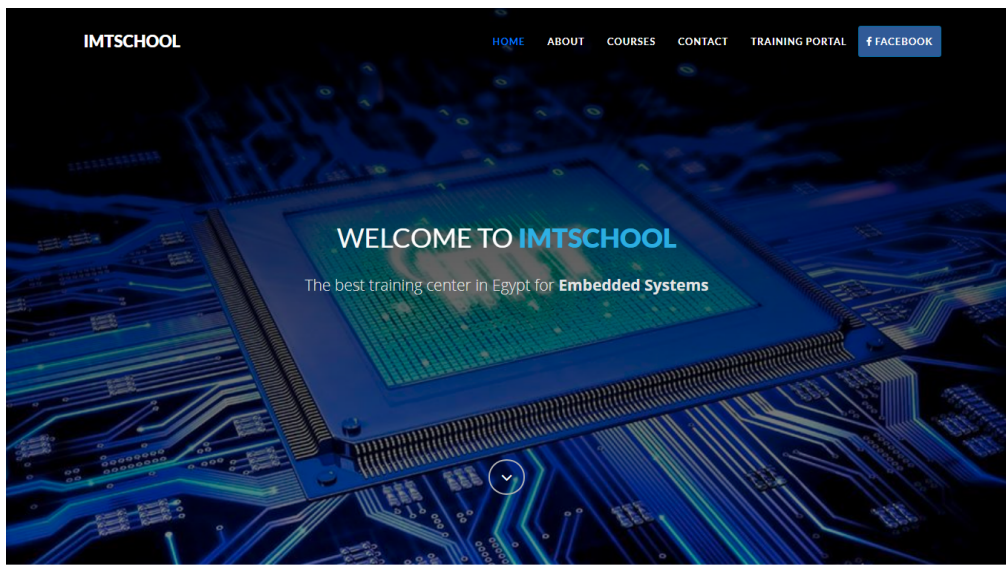
Website: <http://www.imtschool.com/>

Description:

I developed and designed a website for embedded systems training center in Egypt that offers embedded courses instructed by the best engineers who work in multi-national companies, it was developed using Laravel 5.1.

Technologies used: PHP, JavaScript, JQuery, HTML, CSS, MySQL, Apache, Ajax, XML, JSON, Laravel 5.1, Bootstrap

Screen Shots



Standard Embedded Systems Diploma



Development KIT

- AVR Atmega32 Microcontroller and AVR Programmer.
- Motors (DC, Servo and stepper motor).
- Character LCD and Seven Segment Displays.
- Sensors (Temperature and Light).
- Basic elements (Relay, Buzzer, Tactile switches, LEDs, Transistors, Darlington pair, Optocouplers, Op Amp, Etc).
- EEPROM
- Other elements (USB to TTL converter, Keypad ...).

Standard Embedded Systems Diploma Details:

- The diploma is supervised by Eng. Ahmed Ashmawy (Embedded Systems department manager in ITI).
- 80% of the diploma is about making your own embedded system (Set your HW environment and start developing your projects) and the rest 20% is embedded systems concepts that you must know.

Course Price:

- 3000 L.E. (Development KIT Included).

Course Duration:

- Total of 160 hours.
- 2 days/week with total of 8 hours: 4 hours each day --> Friday & Saturday.

Course Outline:

- C Programming and Data Structures Algorithms.
- Embedded Systems Concepts.
- Embedded C for Micro-controllers.
- Embedded Systems Software Design Using UML.
- HW/SW Co-Design.
- Real Time Operating Systems and Scheduling.
- Software Engineering for Embedded Systems.
- Verification and Testing of Embedded Systems.
- Embedded System Development Tools.
- Graduation project.

Introduction To C Programming - 24 Hours

FEEL FREE TO CONTACT/VISIT US

We are here to help, you are more than welcome to come visit us or Ask anything away!

8 Ahmed Amin, Ad Doqi
Giza Governorate Giza, Egypt
+ (20) 101 998 6337
info@imtschool.com



Pathology Lab System Project

Website: <http://lab.ahmed-mohamed.com/>

Description:

I created a pathology lab reporting system, where there are two types of users, one is an operator user who has all privileges in the system (CRUD report/tests, CRUD patient), and the patient user who can see his report/test(s), download it, or e-mail it as Pdf attachment, It was developed using Laravel 5.2.

Technologies used: PHP, JavaScript, JQuery, HTML, CSS, MySQL, Apache, Ajax, XML, JSON, Laravel 5.2, Bootstrap

Screen Shots

Pathology Lab Reports Patients Operator: Ahmed

Reports

Create Report

#	Name	Patient	Operator	Actions
1	Ahmed	login patient	Ahmed	View Update Delete
2	Report	Hamed	Ahmed	View Update Delete

Pathology Lab Reports Patients Operator: Ahmed

[Back to all reports](#) [Edit Report](#) [Delete](#)

Report Details:

Report ID: 1

Report Name: Ahmed

Patient name: login patient

Created by: Ahmed

Created At: 30 Apr 2016 - 11:53 PM

Test Name	Test Result	Actions
Test Name	Test Result	Add New Test
Test	Result	Update Delete
Test1	Result1	Update Delete

PayME Project

Website: <https://paymeapp.co/>

Description:

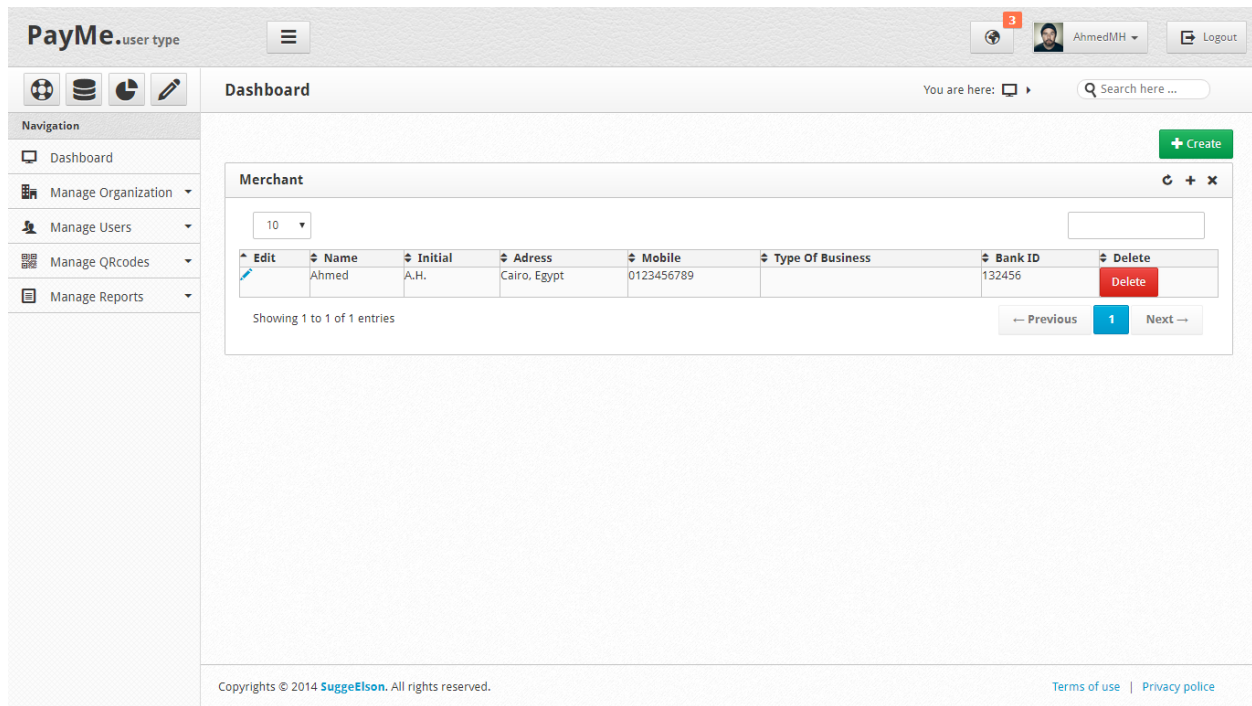
I worked in an Egyptian financial technology company specialized in providing innovative payment solutions for both businesses and consumers in partnership with National Bank of Egypt.

Implementation of a Payment Management System to be used for a payment mobile app, which depends on QR codes to be scanned by the buyers to pay for the products.

Migrated their back end code from Laravel 4.2 to 5.2, which was hosted on AWS which is a Linux based cloud computing service.

Technologies used: PHP, JavaScript, JQuery, JQwidgets, HTML, CSS, MySQL, Apache, Ajax, XML, JSON, Laravel 4.2, Laravel 5.2, Bootstrap

Screen Shots



The screenshot displays the PayME user dashboard. The top navigation bar includes the PayME logo, a user profile dropdown for 'AhmedMH', and a 'Logout' button. The left sidebar contains a 'Navigation' menu with options: Dashboard, Manage Organization, Manage Users, Manage QRcodes, and Manage Reports. The main content area is titled 'Dashboard' and features a 'Merchant' table. The table has columns for Edit, Name, Initial, Address, Mobile, Type Of Business, Bank ID, and Delete. A single merchant entry is shown: Ahmed, A.H., Cairo, Egypt, 0123456789, with Bank ID 132456. The table includes pagination controls showing '1' of 1 entries. The footer contains copyright information for SuggeElson and links to Terms of use and Privacy policy.

Edit	Name	Initial	Address	Mobile	Type Of Business	Bank ID	Delete
Edit	Ahmed	A.H.	Cairo, Egypt	0123456789		132456	Delete

Appeal Project

Website: <http://www.appeal-lms.com/>

Description:

I worked as a Full Stack Web Developer as a part of a team to develop a Learning Management System for the ministry of education in Egypt, that should be used by all schools across the country.

It uses machine learning algorithms to provide customized learning and organize content effectively through identifying points of strength and weakness for each student in the class room.

We used [Moodle](#) for this project which is a free and open-source learning management system written in PHP.

Technologies used: PHP, JavaScript, JQuery, HTML, CSS, MySQL, Apache, Ajax, XML, JSON, Bootstrap, Moodle

Screen Shots

