

Hasan Awada



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Personal Profile

I am a highly responsible, hardworking and organized person with over 6 years of experience in application development. Always committed to deliver high standards with self-motivation and determined to achieve the goals that I set mind into. I've a strong combination of both business and technology that allows me to develop solutions from existing concepts and develop new ones for future versions and releases.

Education

October 2009 – June 2010, high school Beirut, Lebanon

Lebanese Baccalaureate - Life Sciences

October 2010 – June 2014, Lebanese International University – Beirut, Lebanon

Bachelor, Major: Computer Science

Languages

English – Good

Arabic – Native

Skills

Technical & Technology Skills

-Java:

Java SE, JavaEE(JSF, EJB, JPA), Servlets, JSP, Spring

-Android:

Kotlin, Firebase (Crashlitics, Analytics, Authentication and authorization, Push Notifications), Ormlite, ZXing for barcode scanning, ALTheacon for beacons detection, flavors.

-Other:

Python, javascript, CSS3, HTML5, Bootstrap, Java-Mail API, Alt-Beacon, Angular 5 (beginner), Docker, JHipster, Maven, Micro services Architecture, Jira

CMS:

SVN, GIT...

Databases:

Oracle, MySQL, NoSQL MongoDB...

IDEs:

Android studio, IntelliJ, Eclipse, NetBeans, Visual Studio...

Application Servers:

Glassfish, tomcat, Jonas...

Mail Servers:

James.

Professional Experience

CME Off-Shore (November 2017- Present day)

Senior Software Engineer

Projects involved

- Budderfly: An enterprise application built using Java 1.8, Spring boot and JHipster along with many customized devices that measures and sends energy consumption to deliver immediate and significant energy saving. My contribution in this project had many aspects:
 - Implementation of new features.
 - Fixing bugs in MHA (Main Hosted web application).
 - Handling and fixing support issues related to devices or applications that are running on each device.
 - Integrating the Users Management of MHA with new micro service dedicated for authentication and applying migration process to move all the users that exist on MHA to the cloud database of the micro service.
 - R&D for many issues, one of them related to the QSR micro service that is responsible for receiving energy measures from devices and sending them by one message per interval to the server.
 - Respecting SOLID and coupling and cohesion principles.
 - Unit testing using Junit library.
- ZippyYum: Android application for Subway built with Kotlin. I contributed in the following
 - Adding firebase integration for Crashlitics and Analytics.
 - Adding flavors: enabling it to build different versions of the app from single project.
 - IQLiveReport Generation: Opening a table report on web viewer and converting the content of the table into recycler view inside the android app after parsing and manipulating that content using JSoup.
 - Building Settings page which is a preference page along with many pages under it from A to z.
 - Push Notification with firebase.
 - Working with google location services and maps.

AIIA Solutions (July 2016- November 2017)

Senior Software Engineer

Projects involved

- Exone: Is an enterprise application that has a website built with python and Django and 2 android apps, one for visitor and another for exhibitor. Its purpose is to control big exhibitions and organize the information of the visitors and exhibitors to facilitate operations and save time.
 - I was responsible for analyzing the requirements and building the proper database using python and Django.
 - I created web application to manage some features like CRUD operations of visitors, exhibitions, exhibitors and events.

- I created a map to provide a live view of the exhibition showing how the visitors are moving in addition to a playback feature for previous hours and even days.
- I created the needed APIs (web services) for the two android application.
- I created an android application for Exhibitor, it enables the user to display information about his company, share contacts with visitors, see nearby people and take notes...
- I created an android application for visitor, its main job is to collect Bluetooth signals from beacons to identify the visitor location based on a complicated algorithm, in order to show the visitor information about the nearest company, in addition the user will be able to share contacts, take notes, and so many other important features.
- [Dots](#): is an innovative end to end solution that turns the usually tiring and complex delivery journey into an easier and effective one. Its built with python & Django.
 - I was part of the analysis and requirement gathering team that prepared and developed the infrastructure of the project.
 - I created the needed APIs for driver and manager android applications.
 - I created 2 android applications, one for driver and one for manager. Each one of them has the following main features:
 - An always alive service to send location of user each x seconds.
 - Firebase: Crashlitics, Analytics, Push Notifications.
 - Flavors.
 - Barcode Scanning.
 - Workflow of product handling.

[XPREA](#) (Jun 2015- July 2016)

Software Engineer

Projects involved

- City Info: I was responsible of developing, upgrading and maintaining the presentation layer from controllers to interface and design.

[Path Solutions](#) (Jan 2012- Jun 2015)

Software Engineer

Project involved

- Internet Banking: Is a web application that gives the bank client a secure interface to handle his usual jobs related to bank. I had a remarkable contribution in:
 - Upgrading and rewriting the layouts of all pages from old html table layout, into HTML5, bootstrap, and division's layout.
 - Moving from old servlets into JSP and tag library.
 - Fixing bugs supported by QA/QC and clients.

Freelance

- Mailing System
 - I developed a complicated local mailing system using JAMES mail server.
 - It was web based application with attractive interface similar to Gmail one.
 - It has all mailing system features like send/receive emails, attachments, forward, reply and so on.
 - I used Java Mail API to cover the technical/business layer.
 - I used JPA hibernate to build the models and cover the database layer.
 - I used EJB to handle the business layer and created interceptors to check the connectivity to the Mail Server before each request.
 - I used JSF with HTML5, Bootstrap and CSS3 to build the presentation layer.
- School Management System (HR Module)
 - Requirement Gathering and database analysis and development.
 - Presentation layer from the controller design and building to the web interface and in between using JSF, Bootstrap, CSS3 & JQuery.
 - I used EJB for business layer.
 - I used JPA for database layer.
- [NewLarys](#) website.

References:

Available upon request