

## ***Hisham Abdel-Hafez Eid***

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A Senior Software Engineer with 10+ years of experience in software development, application architecture and technical leadership.

### **Technical Skills**

**Programming languages:** Python, Java/EE, JavaScript, C++ and (some) Groovy.

**Web Technologies:** Flask, AngularJS, Dojo, NodeJS, Express, REST, JAX-RS, JAX-WS and J2EE.

**Mobile Technologies:** Apache Cordova (Phonegap), Ionic, TopCoat, jQuery Mobile and Dojo Mobile.

**IBM Products:** IBM MobileFirst Foundation Platform (formerly IBM Worklight), WebSphere Application Server, WebSphere Portal Server, IBM ILOG JRules, IBM DB2, IBM HTTP server and IBM Bluemix.

### **Experience**

#### **2016 – Present: Zalando SE**

Zalando's own brands (zLabels) is transitioning from being an agency for Zalando, to being a full fledged fashion company that sells on Zalando and other marketplaces. This transition requires zLabels to build its own capabilities to manage the whole lifecycle of stock. I am working as the senior engineer in the team responsible for enabling zLabels Logistics capabilities, this includes managing stock inbounds and outbounds, stock commitments, stock reconciliation, automatic replenishment and more.

**Technologies:** Python, Flask, AWS, Redis and NetSuite' SuiteScript (which is JavaScript in disguise)

#### **2007 – 2016: IBM**

##### **Senior Software Engineer**

##### **IBM e-Pricer Mobile**

**Mar 2014 – Present**

IBM e-Pricer is IBM's strategic hardware pricing tool, which has existed as a critical IBM web application for over a decade. As a part of IBM mobility transformation I led the efforts to make IBM pricing capabilities available on the go as a mobile app available for iPhones, iPads and android phones and tablets.

**Technologies:** AngularJS, TopCoat, Apache Cordova, IBM MobileFirst (Worklight), JAX-RS and ANT.

##### **Technical Speaker**

##### **Africa Technical Academy**

**Jan 2014 - Present**

Africa Technical Academy is a part of IBM initiative to technically enable IT professionals, college students and college staff on IBM cutting edge technologies. During this period I successfully delivered more than 10 technical trainings and workshops in Cairo, Dubai, Lagos, Nairobi and Mauritius on IBM MobileFirst technologies.

**Technologies:** JavaScript, IBM MobileFirst Foundation Platform

##### **Application Architect**

##### **IBM SA Events Catalog**

**Jan 2014- Mar 2014**

I Led a team of 3 developers to complete a catalog app for IBM South Africa events targeting iOS, Android and Blackberry devices.

**Technologies:** jQuery Mobile, Apache Cordova and IBM MobileFirst (Worklight).

##### **Senior Software Engineer**

##### **Sales Value Tool (SVT)**

**July 2013-Jan 2014**

Sales Value Tool (SVT) is an online portal to help IBM Sales view client data in a better way by aggregating data from many different data sources. I led the seamless transition of SVT from sunset data sources to newer ones without disrupting the portal operation.

**Technologies:** Java/EE, IBM DB2, IBM WebSphere Application Server and Dojo

##### **Senior Software Engineer**

##### **Integrated Sales Portal (ISP)**

**Jan 2012-July 2013**

I was a part of the team creating and maintaining ISP, during my time with the project I helped with five different releases of the portal.

**Technologies:** Dojo, Java, Groovy on WebSphere sMash

##### **Senior Software Engineer**

##### **Global Expense Reporting Tool**

**Apr 2011- Jan 2012**

I was a part of the team that created the mobile version of Global Expense Reporting Tool (GERS). A portal designed to facilitate the expense reimbursement process for large enterprises (IBM included). I helped the

team deliver the application for Android and iOS devices.

**Technologies:** Dojo Mobile, IBM Worklight

**Senior Software Engineer                      Digital Media Decision Optimizer                      Jan 2011- Apr 2011**

Digital Media optimizer (DMDO) is solution created for Bloomberg to manage large quantities of media files stored in multiple locations around the world.

**Technologies:** Java/EE, JSP, Servlets, JPA, IBM iLog JRules and IBM Business Process Manager.

**Software Engineer                      Corporate Client Support Portal                      Apr 2007 – Jan 2011**  
**Technical Lead                      (CCSP)**

Starting the project as a software engineer and ending as its technical lead, I participated in and led more than six CCSP releases. While I was the project technical lead I led a team of 8 developers and support members implementing new features in the portal and maintaining the old code and infrastructure for 3 years.

**Technologies:** Java/Java EE on top of WebSphere Portal and WebSphere Application Server, IBM DB2, JavaScript and Dojo.

**2006 – 2007: The Steel Network (<http://www.steelnetwork.com>)**

Extreme Loading for Structures® (ELS) was the world's only real-time progressive collapse analysis software; it is handy for civil engineers to determine weak points in a structure before actually building it.

**Technologies:** C++, OpenGL

**2002-2005: CougarTech**

I Was the part of the team developed the first localization of Nokia Series 60 and Series 80 phones, alone with a bunch of other applications like Arabic-English dictionary, Moaazan, Phone Guard and more apps.

**Technologies:** C++, Symbian OS

**Education**

2000-2005                      Bachelor's Degree in **Computer Engineering** from **Cairo University**

**Graduation Project: Map Navigator**, a GoogleMaps-like GIS application for viewing maps with basic options like panning, zooming and landmark search, locating the user's current position by communicating to an external Bluetooth GPS, with offline viewing of the maps and auto update from a central server.

**Publications**

- H. Hafez, et al. “*IBM ILOG Visualization Integration Scenarios.*” IBM Redbooks, Feb 2011
- H. Hafez, et al. “*IBM Intelligent Operations Center 1.6 Programming Guide.*” IBM Redbooks, May 2014
- H. Hafez, T. Mahfouz, H. Aziz. “*Liberate mobile devices from their browsers: Integrating IBM Web Content Manager and Worklight to make web content consumable by a mobile app*” IBM developerWorks, April 2014
- H. Hafez. “*Developing location-aware apps in IBM Worklight parts 1,2 and 3*” IBM developerWorks, Sept 2013
- H. Hafez. “*IBM Worklight certification mini study guide*” IBM developerWorks, Oct 2013
- H. Hafez. “*My journey from CEikEdwin to IBM Worklight*” IBM developerWorks, July 2013
- H. Hafez. “*IBM Lasgidi Hackathon: Hacking in the middle of Africa*” IBM Mobile Enterprise Blog, Oct 2013

**Patents**

- Hisham Abdel-Hafez, Hisham E. El-Shishiny, Khaled Ghareeb, Ahmed A. Saleh. “*Method of thread safety verification and feedback*” US20150121342 A1, Apr 2015

**Certifications**

- IBM Certified Mobile Application Developer - Worklight V5.0.0.3
- IBM Certified System Administrator - WebSphere Application Server Network Deployment V7.0
- IBM Certified Solution Developer - Web Services Development for WebSphere Application Server
- IBM Certified Solution Developer - IBM WebSphere Portal V6.0
- IBM Certified SOA Associate.
- IBM Certified Application Developer - WebSphere ILOG JRules V7.0
- IBM Certified Solution Designer - Object Oriented Analysis and Design
- IBM Certified Database Administrator and Developer for DB2 9.7.
- Sun Certified Programmer for the Java Platform, Standard Edition 5.